



by RONALD HOLLOWAY

**The Entertainment
Guide is on Page 31**

Europe's Mezzaluna, Elzevir, and the Trojan War as a triangle of epic proportions, and Luca Ronconi's mashing of five of Aristophanes' plays — *The Knights*, *The Birds*, *The Ecclesiazuse*, *Lysistrata*, and *Plutus* — into a modern, superbly satirical *Utopia* (produced by La Stabile di Torino with support from the Venice Biennale) appear to straddle the shoulders of ancient classics for a broader view of the present. Both were presented in the same way: a minimalist setting to make room for groundbreaking motor vehicles, and scaffolding seating.

They were outdistanced in both spartan expression and contemporary resonance by the Porto Cervo "Comuna" collective production of *The Mezzaluna*, staged with little more than a white sheet over a table in a makeshift theatre environment to emit a writhing cry of pain in an unrelenting, almost unbearable way. Somehow, for some few minutes, the images of a nation in throes works. We listen.

City Sugar by MICHAEL COVENEY

been formed at The Transhed, Woolwich. From October 15-November 22, Wednesdays to Saturdays at 8 p.m., they will be presenting their first ever show—"SMIFFO!"

Says the company: "SMIFFO! is a fast, funny, cheeky, action music. It features the Duke, Smiffio and his amazing displays of normality. This is only his second ever London appearance."

On November 25 the Duke of Edinburgh is to attend a concert given by the Scottish Baroque Ensemble in the Signet Library, Edinburgh. The Duke has been honorary patron of the Scottish Baroque Ensemble since November last year, but this is the first occasion he has been able to attend one of their concerts and meet members and patrons of the Ensemble.

Stephen Pollack, I imagine, has heard this kind of considered it good material for the theatre. While *Hitting Town* (earlier this year at this venue) toyed with the notion of a desecrated, concrete jungle as a contemporary concrete jungles as a background to a tale of incest, in *City Sugar* we enter the citadel itself and watch the city's representative characters dreams pumping his nauseous proscriptions directly into the elvish arteries. Leonard Brazil, the disc jockey of Radio Leicester, is a character who has been successful competition and dangle at the end of it the prize of personal confrontation with the lead singer of a trashy pop group.

While Brazil pines inwardly for the "valid" sounds of the

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by RONALD CRICHTON

**Klee loan for
the Tate**

Felix Klee, son of the artist Paul Klee, has lent the Tate five paintings by his father. These works from Herr Klee's personal collection in Bern are now on dis-

by DOMINIC GILL

Music Network

broadcast spectrum of jazz music currently played in this country. These will be SOS with John Surman, Mike Osborne and Alan Aldridge; Chris McGregor's Brotherhood of Breath; and Third Stream, which will include a quartet and members of his group NuCensus. The Ned Arner Quintet's feature music specially commissioned by the London Borough of Camden for its jazz festival held last autumn.

There will be two distinguished jazz groups: the Philip Glass Ensemble from the field of "process" music and the Italian two-piano team of Bruno Canino and Antonio Bal-

Sheraton-Caravel Hotel

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WORLD TRADE NEWS

Talks to re-schedule Nigeria's 20m.-ton cement deliveries

BY OUR OWN CORRESPONDENT

THE SPECIAL tribunal set up by Nigeria's Federal military government to investigate the huge official import of cement which has resulted in prolonged congestion at the main seaport here held its inaugural meeting today.

The four-man panel, headed by Mr. Justice Belgore, of the Federal Revenue Court, has only one month to find out why the Federal Ministry of Defence, the Nigerian National Supply Company, the Federal Housing Authority and some State governments ordered 20m. tonnes of cement between May, 1974 and June this year.

All the orders were to be delivered in one year—an average of 1.6m. tonnes per month. That means the arrival each month of at least 150 cement ships at Nigeria's relatively small ports.

The inability to accomplish this herculean task has led to present congestion not only at Lagos but also at Port Harcourt and Warri.

Although the Federal military Government has taken several emergency measures—including the diversion of ships to Ghanaian ports—to ensure that cement ships were discharged without delay, Lagos port congestion is worsening, with the daily arrival of more cement-laden vessels.

About 300 ships carrying nearly 3m. tonnes of cement are at present stranded here.

Preliminary negotiations have begun between the cement contractors, suppliers and the Government-appointed panel on the need to re-schedule deliveries and spread them over a period of two or three years.

The Federal Government attaches great importance to the current negotiations, and had urged all interested parties to co-operate if port congestion was not to become a permanent feature of the national life.

The panel plans to meet overseas suppliers in Europe to persuade them to waive the original 12-month delivery agreements in favour of longer periods.

Cement is one of the essential commodities that were in short supply throughout the country early this year. Although the supply situation has improved lately there is still no glut in the market, and further imports will be needed to supplement home production in view of the Government's enormous construction programmes.

James Buxton writes: Nigerian sources in London confirmed yesterday that a negotiating team is expected in London in the next few days to discuss the imports, but it is not clear whether it would try merely to postpone shipments or to cancel part of them. In the latter case, letters of credit financing the imports would have to be altered, which would affect Nigeria's credit rating abroad.

LAGOS, Oct. 13.

Nigeria appears anxious to stress that it does not want the cement it has ordered. The 2m. tons waiting outside Lagos harbour was described by a High Commission official as "chicken feed."

The High Commission stresses that it wants to delay the shipments simply because of the serious congestion problems they are causing.

Yet the Five Year plan 1975-1980 estimated total public sector cement demand at 18.8m. tons. Nigeria has apparently been trying to import more than that amount for just over a year. The mystery is only partly explained by the need to take private sector demand into account, since that is much less than that of the public sector. One explanation put forward in London yesterday was that the cement now on order was largely required for projects which should have been implemented before the third national plan came into force in April this year.

U.K. contractors busy overseas

BY MICHAEL CASSELL

SUCCESS in the Middle East has helped British construction companies to win a record level of new contracts overseas.

Department of the Environment figures show that for the 12 months to March 31, 1975, orders were worth an estimated £580m. at current prices, an increase of £542m., or 86 per cent. above the preceding 12 months. Business was obtained in 106 countries.

Overseas work carried out during the period reached £350m. at current prices, compared with £240m. previously. Work on standing rose to £1.13bn. at current prices, more than double the previous year's level.

Industry has given a considerable boost to the value of contracts undertaken during the 12 months were £68m. at current prices, a rise of £32m. on the year, largely attributable to increased activity in the Middle East states. Work in Asia at £504m. accounted for 51 per cent. of the world total, and was £279m. above 1973-4. Middle Eastern countries, mostly in Asia, accounted for £477m. of the total. There was also a large increase in the value of new contracts in Europe, where another record was set, with contracts accepted worth £161m. The EEC accounted for £38m. well above the £3m. of 1973-4.

Other areas to show an increase at current prices were Africa (new contracts worth £174m. against £112m.) and North and South America (£27m. against £54m.).

Net earnings from the overseas activities of British construction companies during the 12 months were £68m. at current prices, a rise of £32m. on the year, largely attributable to increased overseas earnings of consulting engineers, architects and surveyors, and earnings attributable to U.K. parent construction companies from their overseas subsidiaries, the construction industry's contribution to the balance of payments in 1974-75 was over £200m. (£170m. in 1973-74).

Although the figures are encouraging, there is still a large body of opinion which believes the U.K. construction industry could be capitalising to a far greater extent on its reputation for integrity and good workmanship.

The recent establishment of the Construction Exports Advisory Board is an indication of the Government's view that a greater combined effort on the part of the industry is required.

U.K. rapped on aid approach to Caricom

By Our Own Correspondent

GEORGETOWN, Oct. 13. THE CARIBBEAN Common Market Council at a week-end conference here rapped the British Government for assuming that the administration of aid to non-independent Caribbean states from the EEC and expressed "grave concern and dissatisfaction" over arrangements for such aid to Caricom, particularly the "non-independent states falling under Part IV arrangements."

The Council adopted a resolution that "both in respect of the volume and terms of aid the arrangements proposed for the Caricom Part IV countries pose a serious threat to the internal equilibrium of the Caribbean Community and Common Market."

The role which the U.K. Government seems to envisage for itself in the administration of community aid to Caricom is "fundamentally prejudicial to the integrity of Caricom and to the concept of a joint approach in relations with the European community," the Council declared.

The Council resolved that the five independent Caribbean States should take urgent steps to emphasise to the U.K. Government and the EEC the strong dissatisfaction expressed by this meeting about the unacceptable terms that are contemplated for the Caricom Part IV countries with respect to community aid.

The resolution also called on the U.K. Government and the EEC as a matter of urgency to provide a substantially more equitable allocation of aid, with a corresponding improvement in the terms and conditions of such aid consistent with the urgent development needs.

The less developed countries in the region are to receive priority in dispensing any regional aid received by Caricom States under the provisions of the Rome convention. The Ministers expressed alarm that no special allocation had been made for regional projects in the aid arrangements for Part IV countries.

The special meeting had been summoned to agree on a new rate structure for the Caricom common external tariff to satisfy obligations under the Rome convention by the beginning of next year. The Ministers agreed that the new structure should be guided by the principles that member Governments had a duty to keep the cost of living down, that the new tariff should not be a disincentive to production and export, and that there should be no drop in revenue from customs duties.

A Common Market Standards Council is to be set up. A delegation of officials will hold talks with Canadian officials on Canada-West Indies relations, starting next month.

Senators may bail New York out

WASHINGTON, Oct. 13.

SENATE Banking Committee chairman William Proxmire said he believes the Ford Administration is beginning to look favourably on emergency aid to New York City.

Congress last week seemed to show more support for aid to the city, but this could not be passed without Administration backing, he said in a television interview.

A speech by Vice-President Nelson Rockefeller on Saturday calling for congressional aid indicated that the Ford Administration had changed its stand against Federal help to bail out the city, he said.

Refinery blasts

PHILADELPHIA, Oct. 13.

TWO EXPLOSIONS ripped through an Atlantic Richfield (Arco) refinery complex here, starting a blaze near the scene of a fire at a Gulf Oil refinery last August, industry sources said.

The cause of the explosions was not immediately known, but informed sources said it was located in a pipe-pumping petroleum to a storage tank.

THEATRE IN STRATFORD, ONTARIO

The English are here

BY MARA PURL, RECENTLY IN STRATFORD

STRATFORD—the Canadian one in the farmlands of Ontario and upon an Avon of its own—is the birthplace of Shakespeare. It was here that the first English theatre was founded in 1569, and the seat of English-speaking Canada's major theatrical event—the Stratford Shakespeare Festival now finishing its 23rd season.

The artistic direction was taken over this year by Robin Phillips, whose appointment, because he is British rather than Canadian, caused some consternation. At 32, he is younger than any of his predecessors. The first of them was Sir Tyrone Guthrie. It was he who began the festival when in 1952 Mr. Tom Patterson, a journalist, had the idea and asked his advice.

The cast of the first production included Alec Guinness and Irene Worth, and the list of celebrities through the years continues to be impressive, including not only theatrical names—among them Christopher Plummer, Jason Robards, Julie Harris, Paul Scofield, and Alan Bates—but also great musical names—such as Duke Ellington, Billy Holiday, Duke Power, Julian Bream and Yehudi Menuhin.

has by now won back what praise he might have lost in crossing the Atlantic and then some. Mr. Phillips, who acted as artistic director for the first two years, and David Copperfield in 1973, and a film of the same name, started off his season with a "measure for measure" set in Vienna at the turn of the century—the Vienna of Sigmund Freud. The Comedy of Errors was given a setting in "Canada's Young West" in the 1870s. The courtesan strolled in the soulful strains of a baroque, a "wronged wife" dusted her wagon. As Antipholus and the wrong ones were recognized, the dusty streets of the little western town, the confusion continues to mount until it must have a release when the stage erupts into a full-fledged square dance. These novel productions are only part of the changes Mr. Phillips has brought to Stratford, and in fact few areas of the theatre have been left untouched.

Since the early 1960s, when the shows were in a tent, the festival has gone on to become a three-theatre operation, including the Avon, a traditional proscenium theatre in downtown Stratford, and the so-called Third Stage, a converted warehouse which now seats 325 and has been used for experimental productions. The entire festival is financed largely from box office receipts—74 per cent., according to the general manager, Mr. Bruce Sutherland, who started as an actor in the original company. The remainder comes from a combination of Government subsidy—\$477,000 in 1974 or about 13 per cent.—and private fund-raising. The festival's budget for 1975 is \$3.8m., of which \$2.7m. was spent on productions. Partly as an economy measure, the designs of the theatres have been modified. The Festival's balcony, a permanent feature till now, has been made movable by

Creole in initial oil accord w Venezuela

By Joseph Moran

CARACAS, Oct. 13.

CREOLE Petroleum Corp. Venezuela's largest oil company has reached an agreement with the Venezuelan Government over the nationalisation of compensation for technical assistance fees. It was reported here that the agreement was reached after State talks with the petroleum industry.

An agreement with a subsidiary of Exxon, a key importance in the negotiations, was a privately-owned oil company that was nationalised on 28. State negotiators company executives met an agreement on comp by October 29, or the oil will face expropriation settlement imposed by a Venezuelan Supreme Court.

Venezuelan Mines Minister Hernandez a week that the Government compensation fees for technical assistance fees for the nationalised firms was approximately \$1bn. and formal offer would be the companies this week. The companies here, most subsidiaries of international firms based in the U.S., owned almost 55m. Venezuela's holdings, produced some 45 per cent. of the nation's crude oil, an over 40 per cent. of oil produced here.

Venezuela's average production was pegged at 1.5 m. b.p.d. in the latest year, but the latest year pegged by the Ministry and Hydrocarbons.

Average daily production was 2.31m. slightly over August's 2.28m. b.p.d. The Government has indicated that it expects to hit a daily 2.2m. b.p.d. by the beginning of 1976.

● Venezuelan coal will receive Government buy of \$104m. in an attempt to produce to over 1m. per year. The Government will be carried out at State-owned companies, which was established in 1974.

Vietnam war opponents' messages intercepted

WASHINGTON, Oct. 13.

THE NATIONAL Security Agency, the highly secret electronic spying branch of the U.S. intelligence community, intercepted hundreds of messages and letters from Vietnam War opponents, the Washington Post reported this morning.

It set up special liaison groups with other intelligence agencies to handle the information received, giving it a top security classification comparable to that accorded to be used for the NSA's celebrated electronic eavesdropping on the conversations of the Soviet Politburo in their cars.

The Washington Post's story this morning, written by its investigative reporter Bob Woodward who uncovered much of the Watergate affair, fills out from informed intelligence sources suspicions of widespread official spying on the anti-war movement that have been circulating for years. Among the people spied on this way were Jane Fonda, the actress, Dr. Benjamin Spock, the paediatrician, Eldridge Cleaver, the black activist and several of the defendants in the "Chicago Seven" trial.

Their overseas telephone calls, cables and telex messages frequently picked up by the NSA's sophisticated listening devices from microwave transmissions, and were transcribed and sent on under high security classification to Joint Chiefs of Staff and other senior officials, according to the Post. It quotes one source as saying that what Brezhnev said to the Soviet Politburo was the same treatment.

At the end of a long summer of revelations about the misdeeds of the intelligence community, the latest report adds a new dimension to the extensive potential powers the U.S. Government has for surveillance of international communications. There have been previous reports that the NSA and other intelligence departments have the means to intercept a wide range of communications between the U.S. and overseas governments, companies, newspapers and news agency offices.

Ford 'may bail New York out'

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Peso deval

BUENOS AIRES, Oct. 13.

ANOTHER devaluation brings the Argentine commercial rate, from 37.70 to the dollar and rate, 48.70 to 48.30 to 2. It was the fourth devaluation since August 1964 and the devaluation of the peso The commercial rate, now valued 30 per cent. in 1975, 50 per cent. in June.

Brazil deni sugar offer

RIO DE JANEIRO, Oct. 13.

BRAZILIAN Sugar Inc. port director, Sr. Teixeira Leite, denies overseas reports that manian company is of sell 500,000 tonnes of whites to New York market operators.

He said there was no such offer in the reports.

Mr. Smith goes to Philadelphia.



European executive finds American city 'attractive place to live and work.'

Eighteen months ago, Angus Smith—financial manager of the International Division, Rohm and Haas Company, one of the world's largest chemical manufacturing firms—transferred from the company's Paris office to corporate headquarters in Philadelphia, Pennsylvania.

Today, Smith views his adjustment as rapid and rewarding, facilitated by Philadelphia's eminent livability and unique location vis-à-vis his business operations.

"Oh, yes. Aside from the many personal amenities, I've found Philadelphia to have some exceptional business advantages.

"For instance, with the company's widespread investments abroad, our location at the heart of the world's financial center—America's eastern seaboard—is ideal. Communications and transportation being what they are today, Philadelphia has all the advantages of, say, a New York, and it's a far more attractive place to live and work."

Philadelphia enjoys an advantageous geographical position at the midpoint of the U.S. eastern megalopolis. Smith need travel only 75 minutes north to New York by train, or 50 minutes south to Washington by air shuttle. And the city's multiple air, rail, highway and mass transit networks also provide Smith's company with easy access to other major cities of the U.S. and the world.

The Port of Philadelphia is one of the three largest in the world, and the busiest foreign trade port in America.

Also centered in the largest concentration of population and industry in the U.S.—one person out of every eight in the nation lives within 150 kilometers of the city—Philadelphia, nevertheless, lacks the crowding of other metropolitan areas, and is known for the openness and beauty of its suburbs. Smith, his wife and two children, live in one such suburb.

"We're within 30 minutes of the downtown area by auto, and it takes me about the same time to the office by train."

"Before Paris, we spent five years in Milan. We've lived in London, and I'm from Suffolk, England. Lovely places, all. Yet Philadelphia has some of the finest residential areas I've ever seen."

"And the housing costs are considerably lower than England, France or Italy."

Homes in Philadelphia also average 20% below the cost of homes in other major U.S. cities.

Smith's short hop to work brings him into a national model of innovative urban planning. Under the momentum of public development programs, Philadelphia has created one of the most attractive downtown business and residential areas in the nation. It's all part of The New Philadelphia Story.

"If I were writing home to a colleague curious about how we are finding life here, I'd say that it's quite an attractive city to live in. It has a lot of interesting history. It's quite civilized from the point of view of restaurants, theatre, schools, shops and the like."

"And from the business view, it offers everything you can find in the world's largest cities, without the congestion and financial instability many of them seem to have."

"It's really quite nice, after all."

Philadelphia's welcoming hand is open to you, too. The city's large commercial banks and local agencies will work together to help your business relocate or expand within the metropolitan area.

To help arrange financing—up to 100% of the total cost of setting up a business at preferred rates—Philadelphia has a non-profit organization regarded by *Business Week* as "the most successful lending authority in the U.S."

It can provide you with a long-term, low-interest loan to cover the cost of land, buildings and capital equipment. Plus, the group can locate suitable office space or help find inexpensive, fully-developed industrial land in the large supply available adjacent to the city.

Angus Smith has already discovered the advantages of Philadelphia—both as a prosperous location for a business, and as a vital, exciting place to live.

The New Philadelphia Story. Few cities of the world can match it.

To learn what The New Philadelphia Story holds for your business, contact: Mr. Walter D'Alessio, Executive Vice President, The New Philadelphia Story, Suite 1705, One East Penn Square, Philadelphia, Pennsylvania U.S.A. 19107. Telephone: (215) 568-4448.

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BSC mission in Japan

By Charles Smith, Far East Editor

TOKYO, Oct. 13.

THE FIRST joint mission of British Steel Corporation executives and trade unionists to visit Japan is here to discover how high levels of productivity at large-scale integrated plants, the team is jointly led by Mr. Bob Scholey, BSC chief executive and Mr. Bill Sims, general secretary of the Iron and Steel Trades Confederation. It will spend 10 days touring plants of leading Japanese steel companies, including Nippon, Sumitomo, Nippon Kokan and Nishin.

The BSC interest in Japanese productivity techniques is reflected in the corporation's 10-year development programme, which follows the Japanese model of very large integrated plants on coastal sites. The plan includes a project to construct a 10m. tonne-a-year plant on Tees-side. Japan's largest plant, the Nippon Kokan unit at Fukuyama, has an annual capacity of 10m. tons.

Japanese steel exports to the U.K. more than doubled to 270m. during the first eight months compared with a year earlier. A large part of the increase represented steel pipe for North Sea Oilfields and an area in which Sumitomo Metal Industries has established a particularly strong position.

New setting

The influx from England will continue next year with Maggie Smith making her first appearance on the Stratford stage. Galloway, one of Stratford's leading ladies for the past several seasons, and originally from England, exclaims: "I can understand why Maggie Smith is coming over. One can't afford to work in England." She goes on to describe the positive drawing points of the festival—one is employed for 10 months out of the year, involved in quality plays, and under the good director.

Robin Phillips has shown his mettle in his first season and he

New approach

Leslie Yap as a season former says of Mr. Phillips: "He has a new approach to the festival. The actor, director, initiator, the actor, Jackie Burroughs, a Ca actress, explains that Mr. Phillips himself is a person of immense energy. He pushes himself a stiff to the limit of their energies."

In all, this year's production numbered 13, including plays by Shakespeare, modern classics, three and three contemporary shows. Oscar remembers put on at the Third Stage written and performed by Indian-born Montreal resident his early twenties. The monologue delivered by Alfred Douglas, Wilde's "Oscar," eventually caused a sensation.

Next year's season promises to be even more ambitious. Shakespeare's *Hamlet*, *Tempest*, *Macbeth*, *Antony and Cleopatra*, *Summer Night's Dream*, *Twelfth Night*, *Measure for Measure*, *Three Sisters* and *Way of the World*, with 11 Smith.

OVERSEAS NEWS

Smith denies he blamed Vorster for talks failure

JOHN HAWKINS

SALISBURY, Oct. 13. Mr. Smith today angrily denied that he had blamed Mr. Vorster, the South African Prime Minister, for the failure of the talks in Rhodesia. The Prime Minister was reacting to African Press reports that he had blamed Mr. Vorster for the collapse of the Falls Talks with the National Council in Salisbury.

Mr. Smith said that remarks in a British TV programme that he had screened in Salisbury and had been quoted out of context and twisted by the South African Press. He said that he had been interviewed by the President of Rhodesia, Mr. Vorster, in last year, about a fortnight before Mr. Vorster had his detente initiative.

Mr. Smith said that he had a few points to be made with Bishop Muzorewa's report, that it had not been a detente exercise, it was a South African Defence Force that Rhodesia could not secure a settlement.

SALISBURY, Oct. 13.

This list now included Britain, the ANC, the Pearce Commission, the Press, Zambia and South Africa.

Mr. Smith's TV interview has also created further controversy within the two factions of the ANC. The Muzorewa faction has denied that Bishop Muzorewa was on the point of reaching agreement with Mr. Smith and seized on Mr. Smith's friendly remarks about Mr. Joshua Nkomo, who heads the rival faction.

Despite Mr. Smith's denials, the episode has reinforced the view in Salisbury that relations with South Africa are continuing to deteriorate.

Guerillas kill 7 in Namibia

PRETORIA, Oct. 13.

A communiqué identified the guerrillas as members of the militant Nationalist South-West Africa People's Organisation (SWAPO), who were stated to have been based back into Angola.

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HOSTAGES IN ERITREA

rebels 'to hold them indefinitely'

WYNNE ROBERTS

AN GUERRILLAS intend to have been worth \$250,000. It was immediately the two guerrillas were taken to the outskirts of Asmara, employing about 40 communications station at Asmara. They will only release them if the Government agrees to the base from Eritrea and military aid to Ethiopia. I spoke to the guerrilla inside Eritrea just over go they said they did not execute the hostages or lead them to their release. They could hold them until they complied with their demands.

ELF executive committee was being convened in Eritrea to decide finally towards the two captives were moved to a base camp within a few days of the kidnapping on September 12. They were forced to the way and were in the hands of Ethiopian aircraft which were bombing, with the route.

ELF claims that, after the hostages, who were working on the base, totally destroyed the signs to the ELF, but both men were thought to be held, he said, until their demands had been met.

The Ethiopian armed forces appear to have been giving the U.S. servicemen at Kagnaw very little protection. Two other American technicians were seized from the transmitter base in July. Two Americans were killed by a landmine on August 24 near the base. The kidnappers said there was no difficulty capturing the two Americans from Kagnaw.

I was told that the two technicians were held by the rival ELF faction, the Popular Liberation Forces. They had been moved to the desert region near the Red Sea in Eritrea's Sahel district. The two men were said to be in good condition but I was also told that they were suspected of working for the CIA. If the ELF find proof of this they may face execution.

Fighting in Eritrea in the past few months has been intense around Asmara and ELF guerrilla squads are making almost nightly raids inside the city.

Villages around the city are either deserted or destroyed by jet bombers. But military activity around the other major Eritrean cities is on a much smaller scale.

Sweeping Saudi Cabinet shuffle

RIYADH, Oct. 13.

KING KHALED of Saudi Arabia today reshuffled his seven-month-old Cabinet, appointing two princes as Ministers of Interior and Foreign Affairs.

Prince Saud Al-Faisal, Minister of State for Foreign Affairs, became Foreign Minister, a post held by the late King Faisal for 25 years until his death last March.

Prince Mayef Ibn Abdulaziz was named Interior Minister, succeeding Crown Prince Fahd, who remains First Deputy Premier, both men had been effectively doing their respective jobs for some time so the appointments come as no surprise to observers.

The 24-man Cabinet, with King Khaled as Prime Minister, is made up of princes, sheikhs and specialists educated in the West. Sheikh Ahmed Zaki Yamani, who has acquired a world-wide reputation through his role in negotiating and implementing the Middle East oil producers' policies, remains Oil and Mineral Wealth Minister.

Sheikh Ibrahim Al-Ankari, formerly Information Minister, was named Minister of Labour and Social Affairs in a major change.

Replacing him at the Information Ministry was Dr. Mohammed Abdo Yamani, president of Abdulaziz University at Jeddah and one of eight new men named to ministerial posts.

The seven others were: Health Minister, Dr. Hussein Abdulrazzak Al-Jazairi, dean of the school of medicine at Riyadh University; Commerce, Dr. Saïdman Abdulaziz As-Saleem, formerly under-secretary at the Ministry of Commerce and Industry; Posts, Telegraph and Telephones, Dr. Alawi Darwish Kayyal, formerly director-general of telephones; Industry and Electricity, Dr. Ghazi Abdel-Rahman Al-Quseibi, director-general of railways.

Minister of State, Sheikh Mohammed Ibrahim Massoud, former under-secretary of state for Foreign Affairs; Minister of State, Dr. Abdullah Mohammed Omran, formerly ranked as ambassador at the Foreign Ministry; Municipal and Rural Affairs, Prince Malik Ibn Abdulaziz, a brother of King Khaled.

King Khaled's uncle, Prince Musaad Ibn Abdulrahman, was replaced as Minister of Finance and Economy by Sheikh Mohammed, formerly Minister of State for Financial Affairs.

THE EAST AFRICAN COMMUNITY

A break-up threatens

BY JOHN WORRALL, NAIROBI CORRESPONDENT

A COMMISSION to review the East African Treaty of Co-operation, which brought the East African Community into being in 1967, is faced with the melancholy task of loosening the ties between the three partners. It may even have to recommend the dissolution of the Community. The commission is to meet as soon as it can find an impartial chairman.

In the past few months the Community, which consists of Kenya, Tanzania, and Uganda, has moved very near the point where collapse and break-up seem inevitable. Bitter quarrels, ideological differences between socialist Tanzania and capitalist Kenya, and lack of economic co-operation have knocked gaping holes in the organisation. The smooth running of the key transport corporations has been disrupted by financial disputes.

Tanzania is showing signs of wanting to get out, and some sections of the Kenya Government and many Kenya businessmen would not be sorry. But many men of good will in East Africa believe a break-up would be a tragedy for the 50m people in the area, whom the Community has on the whole served very well since its inception on a much looser basis in the colonial era.

When the Community was formed the Africans in the area were ambitious for co-operation. They did not dream of the troubles which have now befallen it: jealousies and rivalries between the states, the rise of national pride, and the differing ideologies which make co-operation difficult.

In addition to the joint railways, harbours, airways, posts and telegraph corporations, the Community runs valuable research bodies, a development bank, a directorate of civil aviation. One of the main aims was to bring into being a Common Market for the whole area. The Community is governed by an assembly and a cabinet, with control over

economic affairs, leaving foreign affairs and wider issues in the hands of the territorial Governments.

In recent years many of the ideals have been abandoned, and "creeping decentralisation" has

Where is the campaign to break-up the Community coming from? Certainly, not from Uganda, a landlocked country, entirely dependent on the corporations for its communications with the outside world. President

"We don't want the Community... there is no goodwill"—Charles Njonjo, Kenyan Attorney General.

become endemic. The common currency was the first to go. Collections and disbursements of joint income-tax became national responsibilities. The principle of free movement of labour among the states went by the board when Kenya labourers were expelled from Uganda by the then President Milton Obote.

Expulsions of nationals have continued to this day. Trade barriers have gone up where none should exist. Outbreaks of chauvinism have people working in countries which are not their homes. Kenya regions of the corporations sack Tanzanians and Tanzanians retaliate, so that workers for the Community are having the feeling of security. Morale is low.

Students of the Community believe the situation could have been saved if the Higher Authority had been able to meet. But the Higher Authority consists of the three Presidents, Mr. Jomo Kenyatta, Mr. Julius Nyerere and General Idi Amin. Mr. Kenyatta will talk to Mr. Nyerere and General Amin can talk to Mr. Kenyatta, but Mr. Nyerere does not talk to General Amin. Relations between them reach a new frigid with Mr. Nyerere's attempts to founder the OAU Summit in Kampala. Armed clashes on their common border have often been threatened. But all three men have individually undertaken to support the Community.

Amin may be bizarre and unpredictable, but he knows where his bread is buttered.

The bigger partners, Kenya and Tanzania, have each been accusing the other of forcing a break-up. A frank admission, however, came from Mr. Charles Njonjo, Kenya's influential Attorney-General, who told the Kenya Parliament recently: "We are ready for the review (of the treaty), and we don't want the Community." He added: "There is no good will in the Community and that is why it has not succeeded... most of the services carried out by the Community should be rendered by the individual partner states to their people."

Tanzania has made it clear in official statements that it wants to "decentralise" the corporations, which many believe would be a precursor to break-up. It has recently been hotting up the ideological war against free enterprise Kenya in the government-owned Press and radio, to which Kenya's independent Press has replied vigorously. It is well known in East Africa that Tanzania has recently been shifting its sights southwards towards an economic and more sympathetic union with Mozambique and Zambia, which would preclude participation in the Community.

Tanzania has been delivering quite serious, economic blows against Kenya. They included a ban on Kenya's lucrative trans-

port business with Zambia by closing the access roads across Tanzanian territory. Kenya accused Tanzania of jealousy, and of diverting this profitable trade to the new Chinese-built Uburu Railway between Dar-es-Salaam and the Zambian copper belt.

The first victim in the break-up process will be the Railways Corporation, which has suffered mortally from Kenya-Tanzania hostility. Tanzania is proposing outright decentralisation with each region going it alone as a separate railway. Uganda is likely to stay linked with Kenya, for without the rail link through to Mombasa it would be cut off from the sea.

Recently the East African Railways had a serious spares shortage, which resulted in Kenya closing down passenger services. Money for spares was not available at headquarters because the regions had withheld their revenues and headquarters could not pay the bills or service World Bank and other loans. Tanzania acted unilaterally and bought spares from Canada and new locomotives from India.

Violent rows about cash between Kenya and Tanzania have virtually divorced the Harbours Corporation from its headquarters in Dar-es-Salaam, and the ports of Dar-es-Salaam and Mombasa are operating as separate units. The harbours are next on the list for decentralisation, and the airways and Posts and Telegraphs Corporations may divide up as well.

It is on the cards that the Treaty commission, far from mending the Community fences, which was its original object, may be faced with the huge task of sorting out and apportioning the assets and liabilities of the four corporations. It may be that some miracle will happen to prevent what seems an inevitable break-up. In the long run, however, it may be best for all the territories to make a clean break before relations become worse.

Egypt in new dispute with Syrians

BY MICHAEL TINGAY

CAIRO, Oct. 13.

MOVES TO patch up strained relations between Egypt and Syria, which opposes Cairo's interim agreement with Israel, halted abruptly here when Egypt withdrew from a special committee of the confederal Parliament following the discovery that one of Syria's 20 members of the loose-linked assembly of Egypt, Syria and

Libya was carrying anti-Egyptian pamphlets.

An investigation is being demanded and the four-man conciliation committee, now minus its Egyptian representative, Mr. Mahmoud Abul Nasr, will have to delay a scheduled trip to Damascus. The development demonstrates the fragility of the three-state assembly, which had been convened on President

Sadat's initiative in what was seen by observers as an attempt to break out of Egypt's relative isolation in the Arab world after the Sinai agreement.

WASHINGTON: President Ford signed into law today the Congressionally approved resolution which authorised the stationing of 200 American volunteers in the Sinai to monitor the Israeli-Egyptian disengagement accord. UPI AP-DJ

OCCIDENTAL TALKS ADJOURN

LOS ANGELES, Oct. 13.

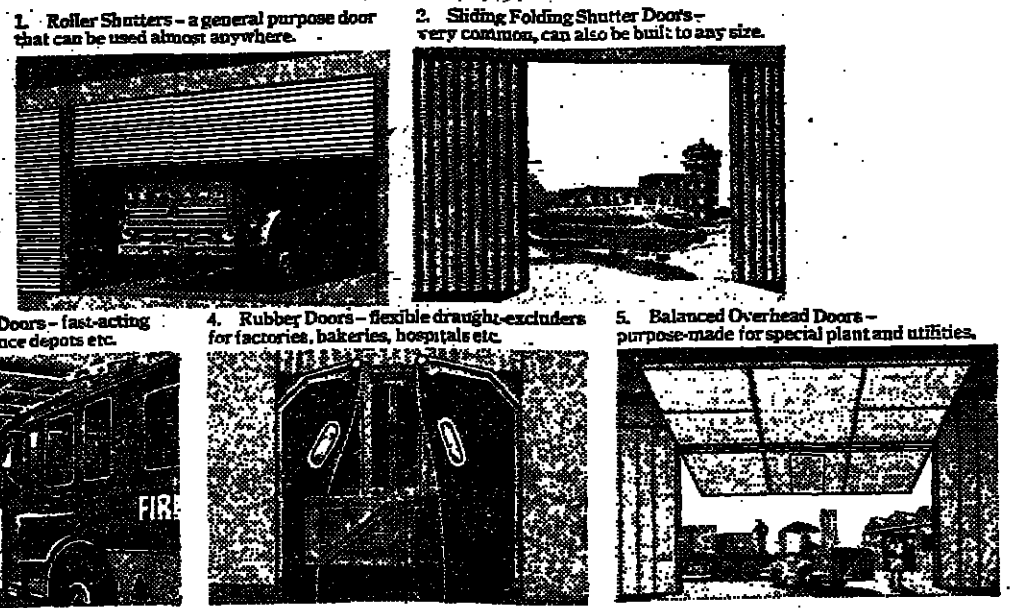
OCCIDENTAL Petroleum said talks with Libyan Government representatives in New York have adjourned without "reaching positive conclusions." The company said it appears that the differences will have to be resolved by the arbitration proceedings previously initiated by Occidental. UPI AP-DJ

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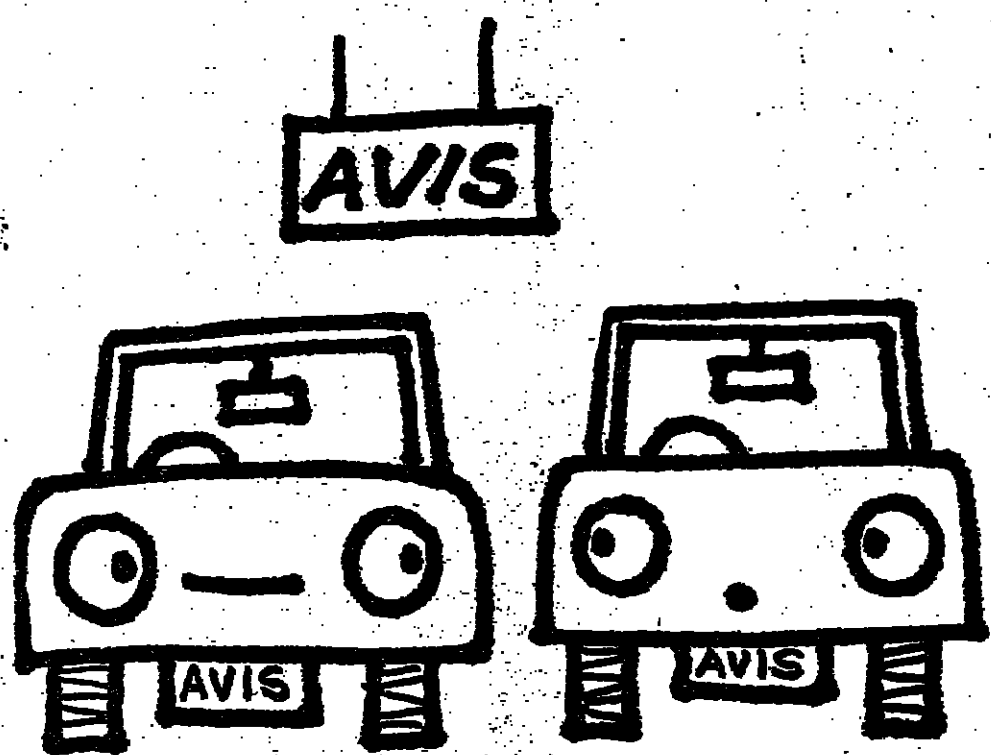
Giant orders like this don't come in every day, of course, but massive orders for dozens, or even hundreds, of doors are common—particularly for new market centres and wholesale markets. No-one in Europe deploys greater resources than Brady to provide you with doors—to drive things through when open, or to maintain security when closed.

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ADVERTISER'S ANNOUNCEMENT

**We'll take
more care
of you**

No. 4

British airways ANNOUNCE

Tuesday, October 14, 1975



**Hotels
to take
good
care
of you**

THREE more hotels have recently joined the British Airways Associate hotel group to bring the total number to 45.

They are: the President, in Johannesburg, for which British Airways now has a marketing agreement with Trust Houses Forte; the Rheinstern Penta, Düsseldorf, and the Balaia Penta on the Algarve — new additions to the popularly-priced Penta range of hotels. They have also increased their investment in the Coral Strand in the Seychelles.

The three newcomers have only one thing in common with the other 42 hotels in which British Airways has an interest — they meet the very high standards set by the airline, but are not standardised as are many hotels in large "chains". The business men and discriminating holidaymakers, who are the most frequent patrons, know that whatever the price range, each hotel has its own individual character. Locations are diverse, including airports, city centres, beaches and safari parks.

Facilities

Many British Airways hotels boast facilities specially tailored to ease the life of the business man away from his base. The Rheinstern Penta, for instance, offers a bureau service providing offices, secretaries, telex and copying machines.

British Airways hotels can now be found dotted right round the world, from Jamaica to Hong Kong, from Brussels to Guyana, from Nairobi to Copenhagen. And there are six in the United Kingdom: two in London, one in Belfast, and near the airports at Birmingham, Manchester and Glasgow.

One other point appreciated by both the businessman-in-a-hurry and the holidaymaker who wants to be sure of his accommodation before he leaves home — rooms at any of the 45 British Airways Associate hotels can be booked through the airline's reservations computer at the same time as the booking for the flight is made.



The happy couple flanked by public notary Edmund Jong, who married them, and Captain Brian Higgins.

A FLYING START TO MARRIAGE

CHRISTIAN DUVEKOT and Cecily Palmer Roberts got their married life off to a flying start. For their walk up the aisle was on board a British Airways jumbo jet, to the accompaniment of the wedding march played over the aircraft's loudspeakers.

American businessman Christian and Cecily boarded the aircraft in Miami together with their attorney, who performed the ceremony before the aircraft took off for London, and the start of their

Reservations open for supersonic flights

TAKE YOUR SEAT ON CONCORDE

TOMORROW, October 15, the travelling public gets its first opportunity to book a supersonic flight on Concorde.

British Airways Reservations will accept bookings for Concorde flights to Bahrain. Initially there will be two Concorde flights a week by British Airways to the Gulf, flights will leave Heathrow every Monday and Wednesday at 1045 and will land in Bahrain just over 4 hours later, at 1800 local time. Concorde flights from Bahrain will leave at 0945

on Tuesdays and Thursdays and will arrive back in London at 1105 local time.

A British Airways spokesman commented that over the past few years a considerable number of registrations had been taken from passengers wishing to travel on the first fare-paying Concorde flight. These people are now being contacted.

Direct to Cyprus

AFTER a break of more than a year, British Airways is to resume direct services to Cyprus starting in November.

The service will be operating in conjunction with Cyprus Airways using DC 9-jets. There will be four flights a week from Heathrow to Larnaca — on Tuesdays, Thursdays, Saturdays and Sundays, via either Salonica or Athens. On days when these direct flights do not operate, passengers can fly by British Airways to Athens and connect with Cyprus Airways flights from there to Larnaca.

More to Turin

BRITISH Airways is stepping up flights to Turin this winter.

From November 1, the airline will be flying to Turin from London on Wednesdays as well as on Mondays, Fridays and Sundays.

All flights leave Heathrow at 1050 and arrive in Turin at 1340. In the opposite direction, flights leave Turin at 1425 and arrive in London at 1510.

British Airways also flies to Milan, Rome, Pisa/Florence, Naples and Venice.

Statement

Whilst Concorde flights are still subject to full Governmental clearance being given, the opening of reservations follows a joint statement by the British and French Governments announcing that British Airways and Air France will begin scheduled commercial services on the same day — January 21 next year.

Take the Caribbean Connection

British Airways will fly to more of the important business destinations in the Caribbean. Bermuda and Bahamas from London this winter than any other airline.

It is the only direct operator to Bermuda, Nassau and Freeport, offering six non-stop services to Bermuda each week, four to Nassau and two to Freeport.

On two days each week the Kingston service is operated by spacious British Airways 747s.

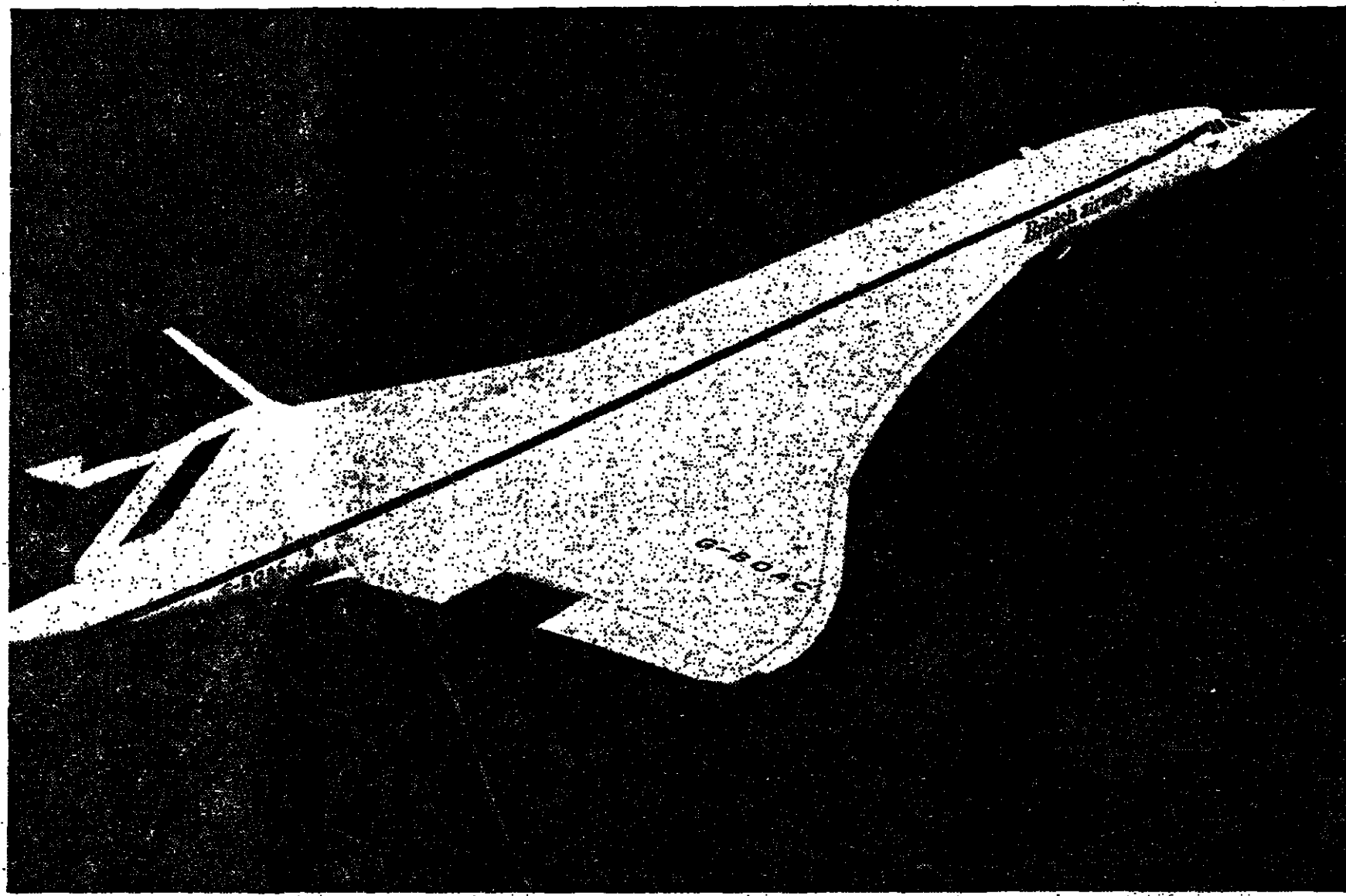
There are also 707 services to Kingston, on Thursdays and Sundays.

To the east Caribbean, British Airways is the only direct operator to Antigua, Georgetown and St Lucia. From November 1 the service to Bridgetown goes daily for the first time.

There will also be a flight each day except Sunday to Port of Spain in Trinidad.

This is a region which is growing rapidly economically and British Airways is on hand to fly out men and materials speedily and efficiently to meet the demands of businessmen.

And to those businessmen who are unsure of their markets the airline can even offer a study tour to help them acquire the necessary knowledge of the area.



The 1350 mph Concorde during its recently completed flight development programme.

Canada is getting a super service

BRITISH Airways is the only airline to offer businessmen speedy services to Canada from the British provinces. It is not necessary for executives in the north of England and Scotland to fly down to London to pick up their transatlantic flight.

This winter they will have a daily British Airways Boeing 707 service from Manchester and Prestwick to the thriving economic markets of Montreal and Toronto.

The service leaves Manchester at 1100 and Prestwick at 1225, arriving in the Canadian cities at 1350 and 1525 respectively.

British Airways will also have more scheduled Boeing 747 services this winter linking these two great trading countries than any other airline. Until the beginning of February, excluding Tuesdays during November, the airline will have a daily 747 flight between London, Montreal and Toronto.

Flight BA 601 leaves London at 1315 hours and arrives in Montreal at 1520 and in Toronto at 1740.

Cartoon by Ross



The Indian adventure

INDIA unhurried in the 20th century, is a land of contrasts and contradictions, and perhaps is one of the few places in the world where real experience is still to be found at the other end of an air ticket.

And now there are Speedbird Holidays to India. This is an attractive programme of quality arrangements for the discerning traveller.

The holidays include air travel on the scheduled services of British Airways and Air India and can be tailor-made to individual requirements.

You can choose between one and two centre holidays and tours. Prices start at £255.

Inflation can't hurt these holidays

Announce Reporter

PEOPLE booking a Sovereign or Enterprise summer holiday to Europe or North Africa between now and January 16 can do so in the knowledge that the move is fully inflation-proof. These early bookers will only be charged the price printed in the brochure — even if fuel or currency surcharges force up the cost. The revolutionary scheme freezes the brochure price of a Sovereign or Enterprise holiday in Europe and North Africa for

as far forward as October next year. Announcing the deal, Mr Gerry Draper, Chairman of Sovereign and Enterprise Holidays, said research carried out this summer among holidaymakers at resorts in Europe showed the continuing concern about the final cost of the family holiday. This was the greatest deterrent to those planning a holiday abroad next

year. The new plan removed the uncertainty about the final cost of the holiday, he said. Mr Draper added that the move had been made possible by the great success of Sovereign and Enterprise holidays over the past two years. He went on: "There are two reasons for the success. First, Sovereign and Enterprise were the only major holiday companies to predict

and plan for this year's holiday boom.

"Secondly, a realistic pricing policy which offers value for money holidays which people both trust and can afford." Next summer Enterprise will be operating holidays for the first time to Sardinia, the Greek island of Tinos, Playa de las Americas in Tenerife and Salou on the Costa Dorada. New areas for Sovereign will be St Lucia, Mauritius, Hamburg, the Austrian Tyrol and Israel.

Fly the flag on the only daily Jumbo to Nairobi.

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Plus five VC10 flights weekly, and a regular Wednesday service to Dar Es Salaam.

Your Travel Agent or British Airways shop has all the details.

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British Leyland car sales to Benelux up 36%

Leyland's principal Benelux gain was in Holland where sales were up 45 per cent. to 27,213 vehicles. The performance of the Allegro models which accounted for more than a third of the exports was seen as a significant

The initiative by Opel runs counter to the statement by Ford last week that research showed customers preferred extra refinements in their car rather than a price cut.

BL clears way for worker participation, Page 13

Recovery for glass containers expected

means that UG will have reached **Results. Page 23**

Orders for U.K. plastics

The provisional estimate of sales, announced by the British Plastics Federation, undermined the strong U.K. presence at the exhibition, said the Federation's

Management game entry list opens

Every team then decides its policy, and accordingly sets the prices for its products and allocates cash—which can be increased by borrowing, within limits—to marketing, production, transport, research and development, and perhaps to hiring consultants or even industrial spies.

Governor Wallace sees Mr. Wilson

A high-contrast, black and white photograph of a person standing in a doorway, silhouetted against a bright light source. The person is facing away from the camera, looking out into the light. The image is grainy and has a stark, dramatic quality.

Governor George Wallace at No. 10.

But the Governor, who continues to ride high in the opinion polls, refused to be drawn in a brief meeting with the Press. into a formal declaration of his late after engine trouble early hours of yesterday. He looked pale and he was wheeled to his appointments later in the

Stonehouse faces new charge

Before the court adjourned until to-day Mr. Stonehouse, who was alleged to have had bank accounts in Switzerland and elsewhere, said: "I have a complete answer to the charges that I made false statements to get legal aid." He sat calmly in the dock, together with his former secretary, Mrs. Sheila Buckley, listening to a detailed account

Export Promotion and Consultancy Services, where he was a director with Mrs. Buckley, and ran up substantial credit card debts.

Proposal forms for life insurance signed by his wife ended with him taking out short-term policies for more than £125,000 with five British companies.

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(Rand Selection)

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We hope that doesn't give you the impression that we're one of those massive stodgy companies that are just riding along on the back of an early start in the market.

We've doubled our world sales to £455 million in the last five years, and today, about a third come from our overseas operations.

We've helped to develop and market some of the most

practical improvements in containers of recent years: a 2-piece can that contains at least 10% less metal than the conventional one; a "retortable" sachet in which food can be pre-cooked, and which doesn't require storage in a refrigerator; and (coming shortly) plastic bottles, as strong as glass, but lighter.

And we're looking at some of the most important problems of the future, too. For example, we've just helped to set up a company which aims to recycle used tin cans back into new cans.

We spend £3 million a year on research, advise some of the largest companies in the world on containers and packing technology—and are working on packs for products that haven't even been invented yet.

We have a head start on practically all of our competitors. And we mean to keep it.

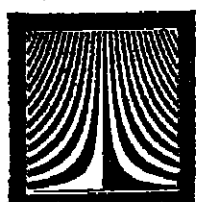
M

B

Metal Box Limited

We're growing because we're needed.





The Technical Page

EDITED BY ARTHUR BENNETT AND TED SCHOETERS

PROCESSING

Advance in patterned glass

DEVELOPED from the electro-float process used to make Spectrofloat solar control glass, Pilkington has introduced a new process called pulsed electro-float and achieved a breakthrough in the manufacture of patterned glass.

Called Chameleon because of its iridescent changing colours, the glass has patterns incorporated within it, leaving both faces completely smooth.

In the float process, glass flows from the furnace across the surface of a molten tin bath. A few millimetres above the top surface of the glass ribbon a layer of molten indium is held in place by a steel keeper bar. Ions

from the metal are reduced to coloured metallic particles by the hydrogen/nitrogen atmosphere of the bath, and incorporated within the glass in patterns induced by a pulsed DC current passing through the tin and the keeper bar. The pulses and electrode shape determine the pattern.

The glass is transparent, rather than translucent; can be toughened; bent; silvered to make unusual mirrors; or ceramic painted for opaque colours.

Suggested applications include its use in doors, side panels, internal partitions, interior design and exterior cladding. It can also be used in patio doors, cupboard

and cabinet doors, for table tops and shelving and for splash-backs and cooker doors.

Three patterns are available, all in 6 mm thick glass. Maximum size is 4,580 x 2,520 mm, and the retail price is about £11 per sq metre.

Pilkington Brothers, Prescott Road, St. Helens, Merseyside, WA10 3TT (0744 28882) does not anticipate any production problems. The company says an electro-float glass production line can be changed to manufacture the new glass in about half an hour simply by installing the

and steel keeper bar. This is believed to be the first time that indium has been used to colour glass.

COMMUNICATION

Exchanges for small localities

A MOBILE unit, designed to provide telephone services to outlying spots or other areas not connected to the telephone network by cable, has been developed by Tadiran, 3 Derech Hashalom, Tel Aviv.

To be known as the Rural Telephone System or RTS, the unit enables up to 400 subscribers to dial in the normal way, but their calls are radioed by the RTS to a central switchboard. Once the community grows and is linked to the national network, the RTS can be relocated in another region. Alternatively, it can be enlarged as it is based on a modular system. It is described as both economical price-wise and as not requiring continuous servicing.

PRODUCTS

Compressor for small industries

COMP-AIR Industrial has designed a new stationary reciprocating compressor for the smaller industrial user and the garage trade.

Easy maintenance, low operating costs and high reliability characterise the new V85A-F3 compressor which is based on the V65 model. It displaces 88 cfm (40.33 litres/sec.) at a working pressure of 100-150 psi (7.0-10.5 kg./cm.) and is an air-cooled vee single-acting two-stage machine with built-in inter-stage cooling between low and high pressure cylinders.

Two versions of the V85A-F3 compressor are available: the V85A compressor/motor package, free standing on three rubber mountings or the EV85A, a receiver mounted package. Drive is from a new three-phase 12 kW electric motor, flange-coupled direct to the compressor.

Comp-Air Industrial is a member company of CompAir, the largest manufacturer of compressed air equipment in the EEC. It operates from POB 7, Broomfield Works, High Wycombe. (0494) 21181.



This section of a 40 by 70 feet metering station made by the George Kent Group is undergoing final testing before installation at the Phillips Petroleum Teesside terminal where crude oil from the North Sea will be loaded into tankers. Two such stations worth a total of £1m. are being supplied to main contractor Simon Carves, and Kent Automation Systems of Hitchin is engineering the computer control based on its well-established K70 system. An important feature is the conversational mode

facility which enables the operator to obtain information or issue instructions independently of the normal plant sequencing operation, via a keyboard send-receive terminal. The computer control, based on a PDP 8K mini, will supervise the loading operation at the touch of a button; flows will be measured to an accuracy of 0.15 per cent. by turbine meters. Current work at Kent's Hitchin factory includes systems for control of steel-making in Mexico, of a chemical plant in Germany, and on-going work for BSC at Redcar.

CONSTRUCTION

Know-how on cement for overseas

BLUE CIRCLE group—Britain's largest cement maker—is to develop its consultancy services division and to extend its worldwide operations, the group has decided.

Originally, the division was run by the parent company of the group, the Associated Portland Cement Manufacturers, from its London offices. The division is now being developed to operate in conjunction with Blue Circle's associates throughout the world. The aims behind this development are twofold: first, to set up consultancy services that have a strong regional affiliation and, second, with Cementos Tolteca SA, its Mexican associate company with offices in Mexico City, which will seek business in Central and South America and the Caribbean.

SAFETY

Door-set can stand up to fire

PATENT cover is being sought by Shapland and Pether, of Barnstaple, following successful tests on Britain's first one-and-a-half hour fire-resisting timber door-set. The company already

markets a range of half hour and one hour fire-resisting assemblies.

This development, the company considers, will free architects from many of the design limitations which they have previously faced, when selecting doors with such a degree of fire-resistance, particularly as until now, the only domestic capable of providing fire-resisting performance in excess of one hour have been of steel construction. Basically of timber construction, it can be supplied either finished with hardwood veneer or decorative laminate. Frame construction is either softwood or hardwood.

Industrial flooring system

KNOWN AS Wearprufe, an industrial flooring system based on a co-polymer emulsion as a binder for the graded aggregate which are laid into a newly developed epoxy resin bonding agent, has been introduced by Shell Composites, Slough, SL1 4DL (Slough 21261).

It is recommended for use where the full properties of a filled epoxy flooring are not required, where there are oil and grease spillages, or where high point loads and aggressive trucking would normally damage conventional floor finishes, says the maker.

The system is supplied in units to cover about 10 square metres at 12 mm thick, and the company claims an economic advantage is the increase in average areas laid per day, thus stabilising laid costs.

COMPUTERS

Micros are beginning to move

ACTIVITY ON the microcomputer front continues to apace and GEC have defined their positions—40 forces with established computer makers: Not Semiconductor and respectively—and AEG-funken has followed suit. Rockwell International

Rockwell International, a subsidiary of AEG-Telefunken AG, have signed a comprehensive, two-way licensing agreement enabling both companies to exchange production technical know-how on microprocessor products.

The agreement broadens microprocessor product lines, both companies are entering each as a competitive market place which is expected to total as much as £1 (about \$245m.) by 1980.

AEG-Telefunken produce eight-bit system designed 3-F, while Rockwell has 1 four-bit and eight-bit systems identified as PPS-4 and PPS-5. The agreement is similar to one announced on September 1975 by Rockwell and Intel Semiconductor Corporation does not involve the products. It covers all microprocessor products AEG-Telefunken and Rockwell.

Meanwhile a new interconnectable microprocessor evaluation system, the important features of which are programmable modules to suit the user's requirements. MEXAS provides four eight-bit modules and can be programmed so that any of the 32 lines can be either inputs or outputs with input buffer or output latches respectively.

Basing its operations on Motorola (MSB00) V8 D modules of Wootton, Bedford is expanding activities systems development company the microprocessor field.

VG general-purpose processor system boards incorporate a microprocessor, 8K byte of memory, two per interface adapters and asynchronous interfaces. The addition of a power supply, it constitutes an operational computer system. It interfaces to a teletype for input and output, and the control program contained in its memory. It will allow direct interface of the vast majority of peripherals available with the VG, and can address 64,000 bytes of memory. CPU cycle time of one second. A typical add instruction is three microseconds.

Waste plant is compact

PORTABLE sewage purification plant, capable of producing 20 cu. metres daily of water suitable for agriculture, has been developed by Israel Desalination Engineering Company, Tel Aviv.

The unit will also permit the recovery of concentrations of algae from sewage oxidation pools to replace imported protein food supplements (for animal feeds) the system employs a new type of ultra-filtration membrane. At this stage, the device

Connectors bonded in one move

A REFLOW soldering station, to attach edge connectors or tape cable to printed circuit boards,

handles partially treated sewage but the company's engineers are trying to adapt it to work on raw sewage. It is intended to build a plant with an output of 200 cu. metres once test runs of the current small pilot plant have been completed.

TEXTILES

Static is caught in time

ALTHOUGH it was recognised long ago, it was only after the introduction of the synthetics that static electricity emerged as a major problem in the modern textile industry. This clearly was in part attributable to a matching growth in central heating which produced dry atmospheres in which static charges were easier to generate.

Control of static in textile mills is just as much of a problem as it is in the home. When the fibres come into contact with surfaces that rotate at high

speeds, as in say carding, the charges that can be generated are nothing short of astronomic. When this happens the manufacturer loses control of the process and his fibre simply will become unmanageable.

It is, therefore, essential in a modern plant to control the level of static generation. In the United States, Frontier Electronics (PO Box 625, Greenville, SC 29602, telephone (803) 246-4927) has developed what it calls the Frontier Ion Control System and which was evolved from work by the corporate research staff of Burlington Industries.

The equipment operates on a system of sensing the conditions at which it is known that excessive static charges will be generated.

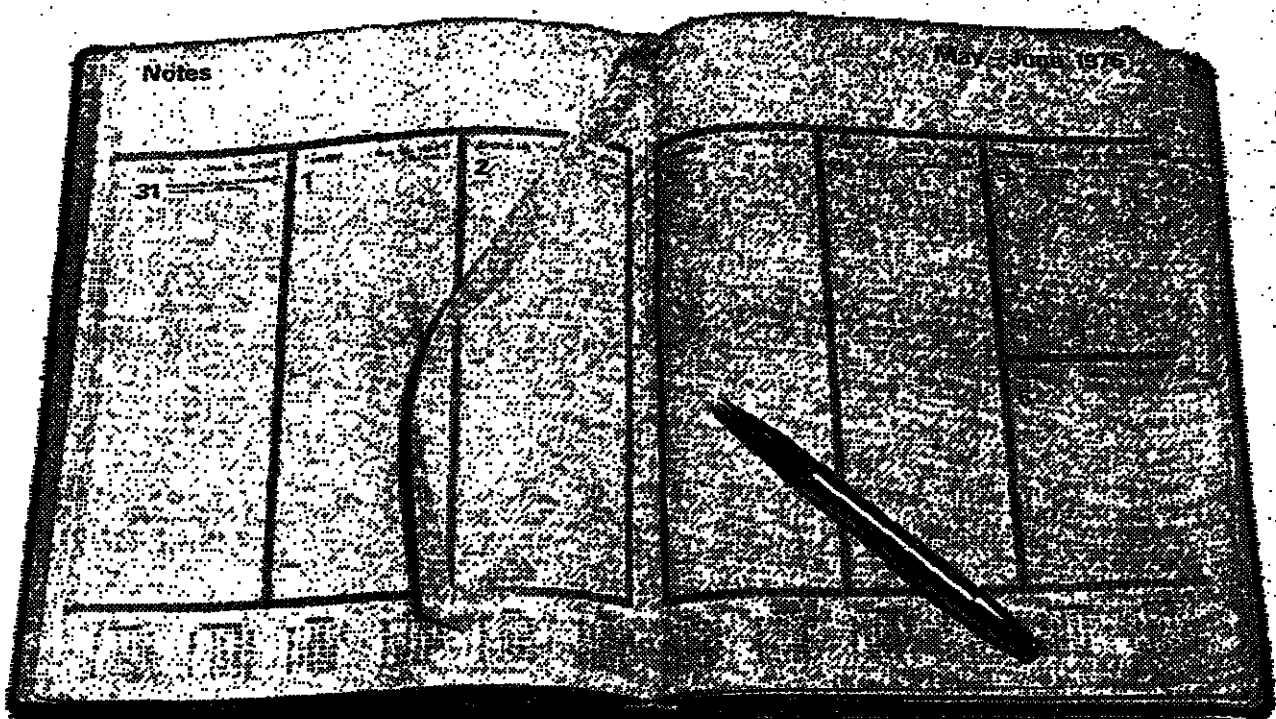
When these conditions are reached the sensor signals back

to a control unit which is linked to special grids in the air conditioning system. These grids are then charged and, depending on the conditions at the time, they can be set to produce either positive or negative ions which are then distributed into the mill atmosphere through the air conditioning system and so eliminate the risk of static being generated.

In other words the ionisation of the atmosphere changes nothing except that it provides a medium for dissipating the charges as quickly as they are generated.

The new concept is likely to be used mainly in carding, spinning and weaving plants, but clearly it can be used just as effectively in say texturing or knitting mills.

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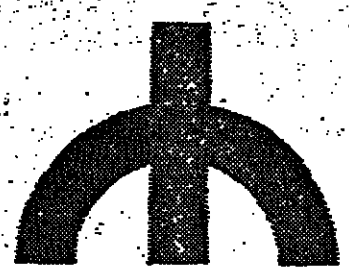
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LABOUR NEWS

British Leyland clears way for worker participation

OUR LABOUR CORRESPONDENT

BRITISH LEYLAND yesterday cleared the way for early introduction of its worker participation proposals when the final version of the proposals was agreed at a meeting of the shop stewards' committee. The meeting, which was held in a day-long session, was attended by a 32-man committee of shop stewards representing 110,000 workers in the Leyland division. A brief statement declared that the meeting had reached agreement on the long series of proposals, both sides have to give any details until they are reported back to their respective divisions. A meeting of shop stewards and company management is being called next week.

last furnace row inquiry under way this week

INQUIRY into the recent BSC management and shop stewards' pay dispute, brought the steel industry back to widespread attention. The inquiry, which began last week, is the third in a series of inquiries into the steel industry's relations with its workers. The first inquiry, into the steel industry's relations with its workers, was held in 1973. The second inquiry, into the steel industry's relations with its workers, was held in 1974. The third inquiry, into the steel industry's relations with its workers, is being held this week.

Coventry protest at loss of communications jobs

TELECOMMUNICATIONS and manual workers at GEC's Stoke factory yesterday held a one-day token strike to protest against the loss of 500 jobs in the telecommunications industry. The strike was held in support of the telecommunications industry, which is facing a major restructuring. The industry is expected to lose 1,000 jobs in the next few years. The workers are protesting against the loss of jobs and the impact on the local economy.

Frank Chapple wins damages

FRANK CHAPPLE, the anti-nuclear leader of the Electricity and Plumbing Trades Union, has won a £10,000 damages award from the Left-wing paper, the Socialist Worker, and its editor, Mr. Paul Foot. The award was made by a High Court judge after Chapple had sued the paper and its editor for libel. Chapple had claimed that the paper had defamed him by publishing false allegations about him.

Meeting on race relations

OUR LABOUR EDITOR TUC is to meet a special union committee under its own chairman, Mr. Mark Bonham Carter, to study the subject and improve liaison with trade unions. The meeting is part of a series of meetings on race relations. The TUC is committed to improving race relations in the workplace and in society. The meeting will discuss the current situation and ways to improve it.

£6 rise for lorry drivers

By Our Labour Correspondent

A £6 A WEEK pay deal covering several thousands of road haulage drivers on North Humberstone is expected to set the pattern for the remainder of the 250,000 drivers in the industry. The deal was negotiated by the Transport and General Workers' Union, the staunchest supporter of the Government's anti-inflation pay policy. The deal provides for a £6 a week increase in pay, which is a significant rise for drivers. The deal is expected to be a model for other industries.

AMBULANCEMEN CLAIM FULL RISE

Representatives of ambulance men from all parts of Britain who belong to the General and Municipal Workers' Union yesterday supported a claim for the full £5 a week to be adopted for annual pay talks.

'Keep to pay policy' TUC tells engineers

BY ROY ROGERS, LABOUR CORRESPONDENT

TUC LEADERS yesterday stressed the need for the 3m engineering industry workers to abide by the Government's anti-inflation pay policy but gave little or no guidance as to how the policy will affect the industry's complicated two-tier wage structure. A delegation of top Confederation of Shipbuilding and Engineering Union officials had hoped to get detailed advice from TUC leaders, including general secretary Mr. Len Murray. But this was not given to the delegation. The TUC leaders stressed the need for the industry to follow the Government's pay policy.

DOCKERS END SPAIN BOYCOTT

Dockers' shop stewards at Hull have called off their boycott of trade with Spain after failing to obtain support for their action from other dockers. They were also influenced by many dockers being out of work.

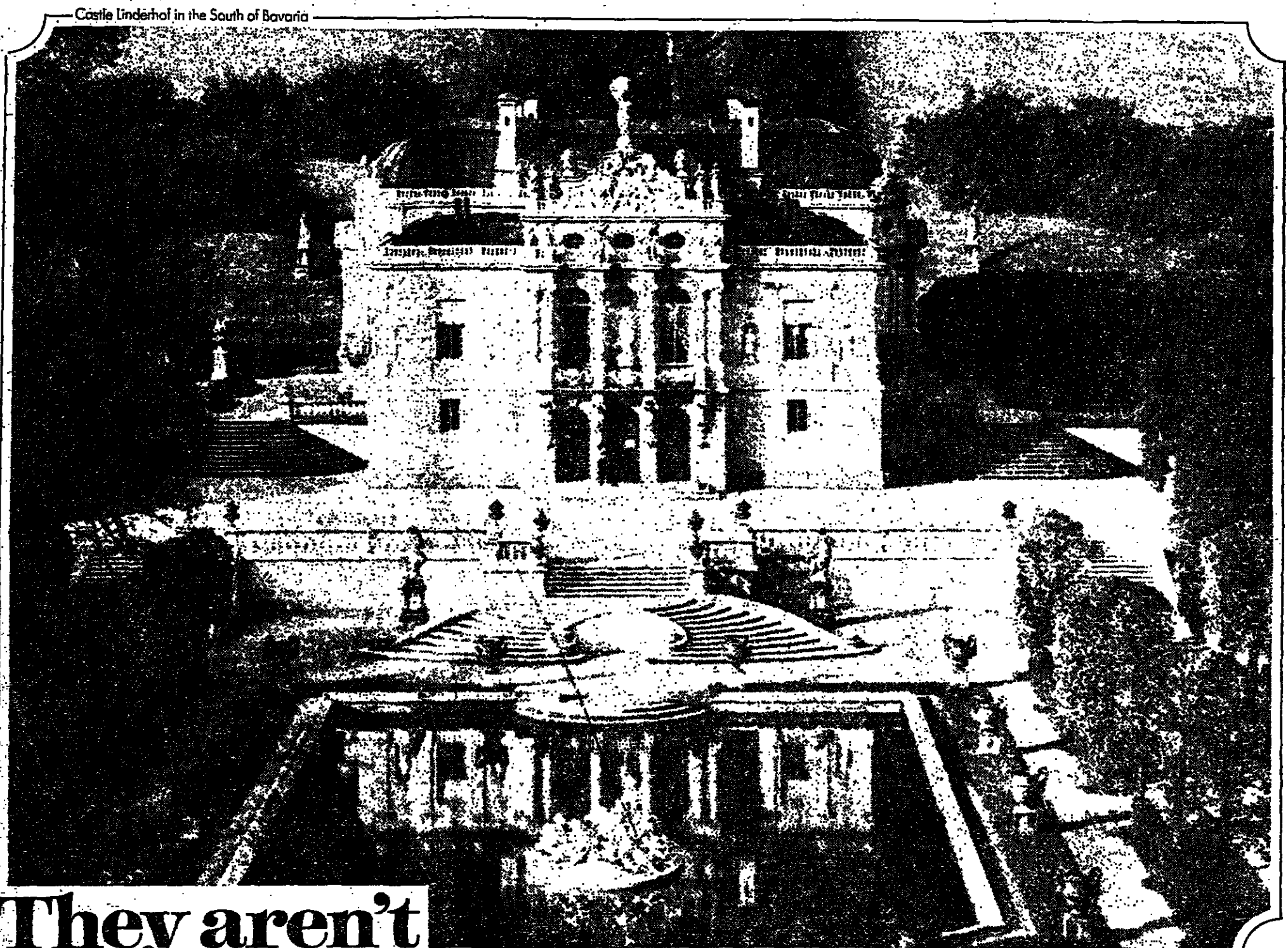


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TORIES WANT TO EXEMPT CHARITIES AND CHURCHES

Silkin hints at minor Land Bill concessions

BY JUSTIN LONG, PARLIAMENTARY CORRESPONDENT

Stonehouse given a cool reception

MR. JOHN STONEHOUSE received a somewhat chilly reception when he returned to the Commons yesterday—after an absence of 11 months.

Socialists and Tories alike ignored him as he stood, looking pale and drawn, at the back of the chamber behind the Bar of the House.

Mr. Stonehouse slipped unobtrusively into the chamber at 3.35 p.m., in time to hear "points of order" at the end of the question time.

He stood impassively appearing not to notice as MPs pushed past him without a word as they left the chamber.

Mr. Stonehouse moved forward to the Bar of the House as Labour backbencher Mr. Max Madden (Sowerby) spoke of Press reports that the Walsall North MP wanted to make a statement to the Commons.

Mr. Madden said he hoped this would not be allowed in view of the controversy and the fact that "such a statement would not be universally welcomed."

Mr. Madden asked the Speaker (Mr. Selwyn Lloyd) to give the House an opportunity to vote on whether Mr. Stonehouse should be allowed to speak. But the Speaker stopped him and said "I really cannot allow this to go on."

Mr. Stonehouse nodded as the Speaker said personal statements had to be approved by himself. As soon as the Speaker called the main business, Mr. Stonehouse turned and left.

THE DEVOLUTION White Paper will be debated before Christmas, followed by publication of the consequent Bill, Mr. Edward Short, Leader of the House, told the Commons yesterday.

His assurance followed a request from Opposition devolution spokesmen, Mr. William Whitelaw, who demanded that the Commons should have an opportunity of considering the White Paper, to be published next month.

"Any other course which does not proceed on these lines, could be very counter-productive and could lead to grave difficulties for the Commons," Mr. Whitelaw warned.

Accounting proposals soon—Barnett

Financial Times Reporter

GOVERNMENT proposals for a form of current cost accounting for published company accounts will be announced shortly.

This was disclosed in the Commons yesterday by Mr. Joel Barnett, Chief Secretary to the Treasury, when he was asked what action was proposed on the recommendations of the Inflation Accounting Committee.

Mr. Barnett stated: "I hope that the Government will be able to make a statement early in the next session of Parliament on the main recommendations for a form of current cost accounting for published company accounts."

First-class letters down

Financial Times Reporter

DURING August, 1975, the number of first-class letters was 20.6 per cent, below the level in August last year but the number of second class letters was 6.6 per cent, higher according to Post Office figures quoted in the Commons yesterday by Mr. Gregor Mackenzie, Minister of State for Industry.

SOME FURTHER minor concessions for the development land of charities and churches under the State control provisions of the Community Land Bill were hinted at by planning Minister, Mr. John Silkin, in the Commons last night.

But Ministers resisted strong Opposition pressure for any major improvement on the concessions published last week in the form of Government amendments to the Bill.

Mr. Silkin maintained, in effect, that the Government had gone far enough towards meeting the representations made on behalf of charities and churches. But he acknowledged that some technical problems had still to be solved. Negotiations with the bodies concerned were still continuing on these outstanding points.

"And I hope to complete these discussions before the Bill is debated in the Lords, when final concessions, to charities will be completed," the Minister added.

The Opposition, launching what threatened to be a marathon debate on the detailed report stage of the Bill, condemned the Government for creating a sham of last hour amendments to a Bill that was already a "nightmare."

From the Tory front bench, Mr. Hugh Rossi, rejected as entirely inadequate the Government proposals for creating objections to the treatment of charities, churches and pension funds.

Value

He pressed a new clause to exempt charities and churches from the intended State powers. The intention, said Mr. Rossi, was to give universal help to these organisations against some of the worst features of the legislation.

"Charities should be able to go about their development work without attracting the acquisitive duties of local authorities to take up that land the moment a charity seeks to carry out a development or even apply for planning permission."

Mr. Rossi pointed out that most churches today were faced with the problem of redundant churches in inner city areas. They needed to use the land on



MR. JOHN SILKIN
Some technical problems.

which those churches were sited for profitable development in order to build new churches in areas to which the population had shifted.

It was essential they should receive the full and proper value of their land, not merely the current use value which would be almost nothing for a redundant church. "The new clause seeks to see that they should get more than the current use value, but what the land is actually worth in the inner city."

Mr. Rossi complained that the amendment put forward by the Government for the relief of churches and charities would give exemptions only for a period of 10 years. This period was unrealistic in the present economic climate and would itself depress the value of land involved.

"If the value of their land is going to take a substantial nose-dive in 10 years' time, the borrowing that can achieve to-day on that land will be extremely limited," Mr. Rossi declared. He advanced a similar argument on behalf of pension funds which would be affected under the Bill.

He pointed out that pension funds bought investment lands

on the basis of looking ahead some 150 years in order to ensure the best return for its investment. But if a pension fund had to work within the context of the Bill it would lose severely, and would not be able to maintain its pension funds and, down the country.

Not a single concession was being given by the Government in this field, despite the real anxiety which had been expressed by the managers of pension funds up and down the country.

Mr. Silkin, replying to these criticisms, said that the main Government provision gave effect to the announcement on the committee stage that churches and other charities would be able to carry out development on land owned by them on White Paper day—September 12, 1974, without local authority intervention.

The other Government amendment dealt with the basis of compensation when churches and other charities would retain the right to receive market value for a 10-year period or current use value on the appointed day, whichever gave the longer period.

Benefits

There were three benefits which charities would now receive under the Bill. The first meant continuation of the charitable status of the land, if it was held by a charity on White Paper day and later transferred to another charity without a break in ownership.

The second advantage was that benefit was conferred on other types of transactions, including the time which would count for establishing the material interest that the charity might have in the land.

The third benefit was the one announced two weeks ago concerning the proposed regulations which would lay down the developments which would be permanently excluded from the duties involved. One type was development, other than industrial development, which the total floor space created did not exceed 10,000 square feet.

This would exclude many modern churches and small halls used for social purposes.

Government acts to even out cost of paid maternity leave

BY JOHN HUNT

A MATERNITY pay fund is to be set up by the Government in order to even out among all employers the financial burden of meeting the cost of paid maternity leave.

Nine new clauses inaugurating the fund have been inserted in the Employment Protection Bill which was in its report stage in the Lords yesterday.

The provisions for the introduction of maternity pay, as originally included in the Bill, stipulated that only those who employed women would have to pay for maternity leave. A woman would have been entitled to up to six weeks' pay, minus the £9.50 a week National Insurance maternity allowance, if she had worked for an employer for two years.

This led to bitter complaints, particularly from small firms, that the burden would fall too heavily on them. Similar protests came from industries such as textiles, which employ a high proportion of women.

Women's organisations also feared that the system would lead to companies resisting the employment of female workers.

The system would also have fallen heavily on companies employing a large number of white-collar workers. For instance a secretary earning £40 a week would have been entitled to over £30 a week in maternity pay from her company.

The new maternity pay fund will apply to all employers who pay National Insurance, even if they have no women on the staff. Employees will not contribute.

It would mean an extra 0.04 per cent on a company's National Insurance payments. The Government maintain that this is a fair

amount when compared with the extra 0.2 per cent, which has to be paid for the redundancy payment fund.

Because of the present difficult economic climate, it is not expected that the new system will come into force for at least a year and even then, it will have to depend on economic circumstances at the time. The new clauses implementing the fund are expected to be considered when the Lords temporarily returns to the committee stage of the Bill to-day.

John Elliott writes: The fund has been approved by the TUC and by the CBI whose members

prefer it to the original arrangement. But the CBI would have been more pleased if the Government had agreed to include some State contribution to the fund instead of leaving all the contributions to employers.

The earliest the fund will start paying out benefits is likely to be the spring of 1977, not only because of the country's economic problems, but also because of the need to provide the National Insurance system with a year's contributions.

At today's prices the Government estimates that the fund would hand out some £14m. a year in benefits.

Tory hits at 'unpatriotic' council car buyers

A CONSERVATIVE MP yesterday described the behaviour of local authorities which bought foreign cars as "ludicrous and unpatriotic."

Mr. Edward Taylor (C, Catterick) pressed the Government to say whether they would be free to impose import controls on foreign cars if they so wished, or whether they would have to seek EEC permission first.

Mr. Gerald Kaufman, Under-Secretary, Industry, said he hoped all local authorities would make sure that they bought British cars.

"It is not possible for the Government to compel local authorities to buy British, but I would expect that good sense would compel them to do so."

On import controls, Mr. Kaufman said that the Trade Secretary (Mr. Shore) had discussed this matter in Japan. "We will clear whatever we have to with the EEC Commission, but we will act independently when we need to and when we have to," he declared.

Asked whether his Department would lend support to any form of compulsory restriction on imports if the voluntary agreement with Japan failed, Mr. Kaufman replied: "We shall make whatever recommendations we regard as appropriate in the light of the situation."

"But the best thing would be for the British industry to be competitive, and sell goods which people wish to buy, at prices they wish to pay."

Aircraft takeover 'next session'

FINANCIAL TIMES REPORTER

A FURTHER assurance that the Bill to nationalise the aircraft and shipbuilding industries will be in the forefront of the Government's legislative programme for the new session of Parliament opening next month was given in the Commons yesterday by Mr. Gerald Kaufman, Under-Secretary for Industry.

He underlined the urgency which the Government attaches to the early passage of the Bill when asked by Mr. Norman Atkinson (Lab., Tottenham) to confirm that the Bill would be published some time in December.

Mr. Kaufman answered: "December is a good deal later than we intend. We intend to publish the Bill very soon indeed, with the intention of getting the industries into public ownership as quickly as possible."

Mr. Robert Adley (C, Christchurch and Lynton) maintained that a referendum among those who actually worked in the aircraft industry would show that they did not want this "irrelevant measure" which would do nothing to solve the economic crisis created by the Government.

Apparent

There were jeers from the Government benches when he lamented the fact that the emergence of Mr. Eric Varley as Secretary of State for Industry in place of Mr. Anthony Wedgwood Benn had not led to the end of "this Benefoolery."

Mr. Kaufman retorted that Mr. Varley was pursuing identical policies to those of his predecessor—policies which had been endorsed by the British people at the last two general elections.

During exchanges on the shipbuilding industry Mr. Michael Heseltine, "shadow" Industry Minister said that the industrial nationalisation proved a deterrent to investment, particularly as the Bill already published had contained totally inadequate compensation provisions.

Mr. Gregor Mackenzie, Minister of State for Industry, said the investment deficiencies had been apparent long before the publication of the Government's legislative proposals.

Parliament study confirmed

A SELECT committee will examine the working of Parliament in the new session, Mr. Edward Short, Leader of the House, confirmed in the Commons.

He was replying to Mr. John Tomlinson (Lab., Meriden) who said MPs were now waiting for action on the promised radical look at the way the Commons was doing its business.

Mr. John Peyton, "shadow" Leader of the House, called for an examination of the whole working of Government which he blamed for the difficulties now being experienced in the House.

Mr. Peyton said that the organisation of Government had not been looked at for far too long and Parliament was too often made the scapegoat for the Government's ineptitude.

Mr. Short replied that he was not entirely satisfied with the working of the House. "I think there is a case for a radical review of the way in which we do our work," he added.

Welsh home loans boost

THE Building Societies' Association has agreed to make an extra £5m. available to home loan borrowers in Wales, Welsh Under-Secretary, Mr. Alec Jones, told the Commons yesterday.

The money was intended to help fill the gap caused by the suspension of local authority lending in Wales.

Exceptions to the rule

BY QUENTIN GURDHAM

THE Community Land Bill, the third attempt by a Labour Government to take development land into public ownership, entered its final stages in the Commons yesterday with over 200 amendments to be considered before the Third Reading.

A final marathon sitting is in character with the Bill's progress. The "Committee" stage involved a series of 23-hour sessions which led Opposition committee members to table an early day motion in protest and to a compromise timetable. The summer inflation, legislation meant changes in the Lords' timetable. Last week Conservatives were still asking for the Report Stage to be put back to give them time to consider late changes in the Bill.

Also, the implications of the Land Bill lie largely in its regulations. There was no formal need for the Government to produce even last week's details of the most important exceptions, defined in regulations, to the scope of the land scheme. It has, however, said that these regulations will be subject to an affirmative measure in both Houses.

So while Mr. John Silkin, Minister for Planning and Local Government responsible for the Bill, can say that there has never been more consultation with interested parties, opponents equally claim that there is insufficient evidence of Government intentions in working the scheme with an evidence as to how the Secretary of State for Environment will use the wide powers he has under it.

Power to buy

So far, there have been few important concessions during the Bill's passage. Its dual aims remain to give Government, national and local, positive planning control in place of what was seen as a negative power to prevent some development but not to initiate other. And to give local (50 per cent) and national (50 per cent) Government the benefits of "planning gains" in the value of land.

What was not widely appreciated until recently was that the Government does not expect its scheme to be fully implemented for up to 10 years. But the process has already begun with the authorities responsible — county and district councils and in Wales a new Land Authority — deciding themselves who will administer the scheme and drawing up land acquisition programmes.

Having decided on their land needs, the authorities will, next Spring, have the power, though not the duty, to buy land to carry out this development. They will buy this land at a market price but not of the new Development Land Tax, levied at a flat rate of 80 per cent, which will rise eventually to 100 per cent.

At this stage, therefore, authorities will have complete control over where and how all major developments in their areas are carried out, though they will not yet have to find the money (which cannot be taken from rate income) to buy the land for it. They will, however, gain some financial benefit in a return on Development Land Tax revenue.

Open tender

The period during which this stage is likely to apply will vary from authority to authority, depending on their ability to handle the extra burden of seeking out and handling the development or leasing of development land. It will be left to the Secretary of State to decide when individual authorities have the ability to move on to a point when they are obliged to buy all development land in order to avoid a situation where some land is purchased at some market value and DLT levied on others where land only carries a "current use value" — free of any potential planning gain, completion of the scheme will have to wait until all authorities have reached this point.

At this stage, all authorities become the landlords for all major developments apart from owner-occupied houses. They will either develop the land themselves, or in partnership with a developer or institution, or lease it to the private sector at a market rent. The average gain to the authorities, over the country, is estimated at 400 per cent of the current use land value.

The procedures for leasing to the private sector are not yet clear. But the Department favours an open tender system, with maximum accessibility to the local Press, to counter possible speculation gains from land deals.

sible corruption. The length of leases may vary (as may the next review periods) but are now likely to be longer than an original suggestion of 60 years.

The major exclusions from this process now come under two headings — "exempt development" and "excepted development."

The exempt category includes changes, mainly of a minor nature to residential property, contained at present under General Development Orders.

The excepted category includes land with planning permission on the Land White Paper Day (September 12, or development land owned by a builder or commercial development of up to 10,000 square feet of floor space (in housing terms around an acre for ten to 12 houses); land for industrial developments up to 15,000 square feet; rebuilding and enlargements including a 10 per cent increase in floor space; all land for agricultural and forestry development (some of which will be fully "exempt"); land for mineral extraction; and most recreational development.

Exempt land will be permanently outside the land scheme. Excepted land will be outside the authority's duty to purchase, but within their power. This power would, it is claimed, only be used "to facilitate development" — where this could not be achieved by agreement with the private individuals or bodies concerned — for reasons of "positive planning"; and to prevent evasion by breaking down a large site into small lots.

Freedom

Two major concessions involve churches and charities, promised development freedom for at least 10 years, along with exemption from Development Land Tax, and (contained in the White Paper on the Land Tax) exemption for owner-occupiers selling up to an acre of their garden.

The sum of the changes during the passage of the Land Bill (the White Paper had talked of exemption for only a quarter of an acre of garden, for instance) fall midway between the worst fears that local authorities would simply be swamped by having to process a mass of small development land deals, and the more realistic lobbies of housebuilders, institutional landowners and the many others who have protested at its implications.

These, in terms of the centralisation of planning, go far beyond merely cutting out speculative gains from land deals.

That crockery order . . . Short promises a report

THE COMMONS is to receive a report from its Services Committee on the china crockery purchased from West Germany for its dining rooms, Mr. Edward Short, Leader of the House, told MPs yesterday.

He intervened after questions to Mr. James Dunn, chairman of the Commons Catering Committee, about the purchase.

Dr. Alan Glyn (C, Windsor and Maidenhead) asked how many British tenders were requested before the order was given and whether tenders were asked from countries other than Germany.

Mr. Dunn said inquiries were made with two British companies. Royal Tuscan Wedgwood and a company operating on behalf of Royal Doulton. The only other company asked was Rosenthal of West Germany.

Dr. Glyn said there was very great public interest over the matter, particularly the effect it might have on our exports. He felt it would be better to have a system whereby crockery was ordered in stages rather than in one phase.

Mr. Dunn said a special committee was being set up to inquire into the future organisation of the refreshment department, which was submitted in August. At present the responsibility remains unattended to, he declared.

Government spokesman on the matter, rested with management.

In reply to Mr. Arthur Lewis (Lab., Newham N.W.) Mr. Dunn said that the Rosenthal china had cost £12,200.

Liberal leader, Mr. Jeremy Thorpe, asked why only two English firms had been asked to tender. "Were those responsible unaware of the existence of others?"

Hope for fewer Spain holidays

THE HOPE that fewer British many trade unionists who like people would choose to holiday in Spain "as a result of what in Spain" has happened in that unfortunate country over the last few days was expressed by Mr. Clinton Davis, Under-Secretary for Trade, in answer to questions about the holidays in future as a result of what has happened in Spain.

Mr. Davis commented: "Your country over the last few days" observations about a package was expressed by Mr. Clinton Davis, Under-Secretary for Trade, in answer to questions about the holidays in future as a result of what has happened in Spain.

Mr. Norman Tebbit (C, Chingford) has pointed out that it was that unfortunate country over "a very important airport" to the last few days.

Mr. Dunn replied that the firms had not been asked to tender in that way. A cost analysis had been undertaken and on the basis of the assessment, Wedgwood would have cost £14,197 and Rosenthal £12,578. Taking into account the discounts on systems which were operating, the figures were £12,423 for Royal Tuscan Wedgwood and £12,201 for Rosenthal.

Driving licence delay queried

THERE APPEARED to be "the environment, Lord Melchett, said most terrible procrastination" at that driving licences took the drivers and vehicles between five and six working days, vehicle licences between one and two working days and driving licences between one and two working days.

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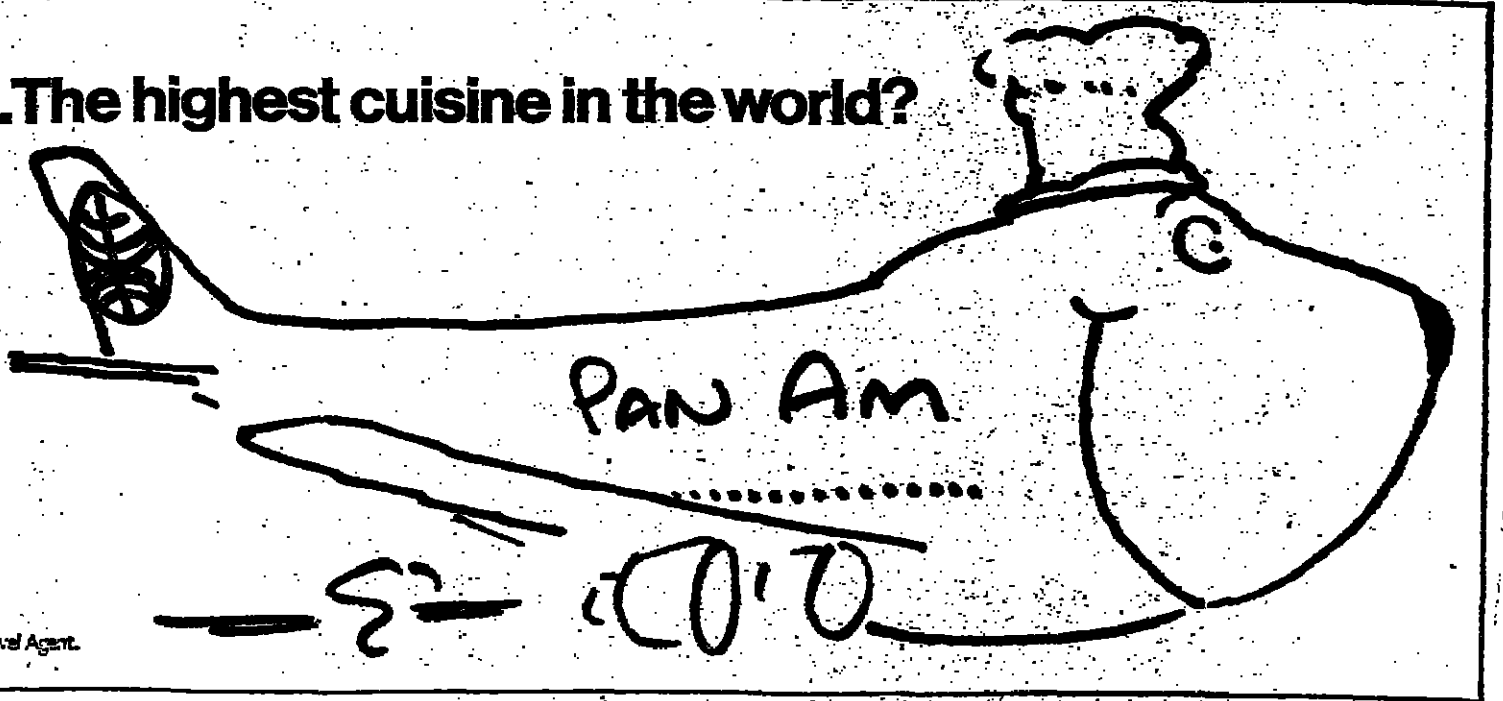
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TUESDAY, OCTOBER 14, 1975

Inflation and food prices

LIKE MOST statistics, the September indices of wholesale prices look either encouraging or depressing, according to the particular aspect of them on which one chooses to concentrate. Unfortunately, the encouraging aspect of the figures lies chiefly in the movement of output prices, which will affect the final consumer in the relatively near future. It is the movement of input prices, whose results will be felt later, which is more depressing.

First, then, the good news. The provisional index of the output prices of manufacturing industry as a whole rose by only 1 per cent, in September, and that of the food manufacturing industries alone by less than 1 per cent. In the third quarter of 1975, to take a somewhat longer perspective, the wholesale price of manufactured goods in general rose at an annual rate of 1.3 per cent. This is by no means a negligible rate of increase, but it is the lowest since the second quarter of 1973 and might well, therefore, be taken as an indication that the Government's efforts in bringing inflation under control are meeting with some success.

Consumption down

The behaviour of input prices for raw materials and fuel has been a good deal less reassuring. The increase in the input price index for all manufacturing industry during September was admittedly only 0.9 per cent. In the first place, however, this brought the total increase for the third quarter to 6.1 per cent, which is the steepest rise for a single quarter since the sharp jump in oil prices towards the end of 1973. In the second place, almost the whole of the recent increase in the cost of industry's raw materials has been concentrated in the food sector.

The fact that the latest increase in the price of food raw materials was largely due to home-produced bacon pigs is a detail which deserves to be lost in the larger picture. The material costs of the food manufacturing industries rose by 7.1 per cent in August and by a further 3 per cent in September. Although it would be foolish to extrapolate the difficult

Past the point of no return

EVEN IN these days of large-scale public and privately-owned enterprises, there is a substantial and necessary role to be played by small and medium-sized businesses. But for the small firm to grow and prosper a high rate of savings and investment is essential and both in turn are dependent upon a fiscal system which encourages the efficient without making it especially easy for the inefficient to survive.

This condition is now threatened by the Government's proposals for an annual wealth tax to be superimposed upon the existing structure of capital and income taxes. Several organisations have already described the adverse disincentive effects upon small owner-managed businesses in the evidence to the Commons Select Committee on the wealth tax and now the Confederation of British Industry has followed up its earlier oral evidence with a Paper setting out the probable consequences in greater detail.

The CBI's figuring, which ignores the effects of inflation but on the other hand takes no account of capital gains or capital transfer taxes, makes instructive reading. It shows, for example, that a business worth £250,000 initially whose owner decided to draw an additional (taxed) salary in order to meet his wealth tax liabilities, would be able to achieve only 63 per cent of its potential growth—assuming no wealth tax—after 35 years if the tax was levied at the lower of the two rates suggested by the Government and only 55 per cent at the higher rate of wealth tax. In the case of a business worth £500,000 initially, and thus liable to a proportionately heavier tax burden, the value after 35 years would be only 44 per cent of its potential untaxed value at the lower rate of wealth tax and 30 per cent at the higher rate. If the owner took up the Government's offer to allow counter-productive effects, taking deferral of wealth tax, assuming a 9 per cent, compound interest of no return.

The problem harvest from any U.S.-Soviet grain deal

By JOHN EDWARDS, Commodities Editor

HIGH stakes are at risk in the current negotiations between the Soviet Union and the U.S. on the proposed long-term grain exports deal. For the Russians, the outcome may well decide whether adequate food supplies are available for the growing livestock population that, in turn, is crucial to the provision of the higher standard of living being demanded throughout the Soviet Union. At the same time higher prices for food and a reliance on imports could delay the industrial expansion planned within the Communist bloc.

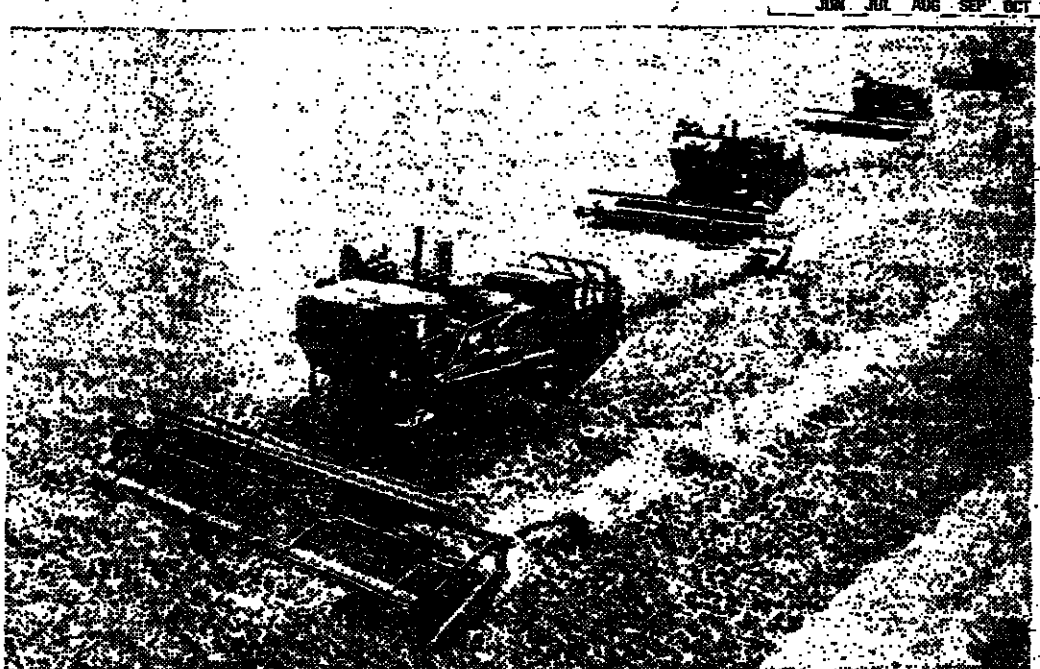
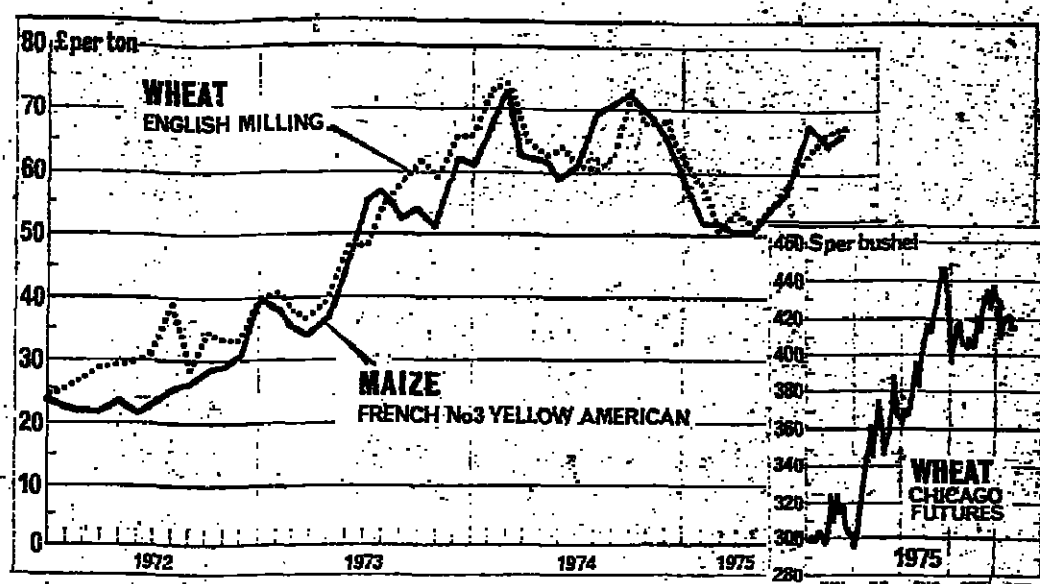
For the U.S. a long-term grain deal with the Soviet Union would give an important boost to its important agricultural sector, enabling the record grain crops this year to be disposed of at reasonable prices while helping to avoid the threat of surpluses crippling future crop expansion plans. In addition the reciprocal all sales arrangement that is likely to be linked with the grain deal will also help placate domestic U.S. consumer resistance against the prospect of higher food prices by the sale of the grain surplus to Russia.

Widespread impact

As in the case of oil, the impact of higher grain prices is very widespread. The cost of wheat directly affects the price of flour-based products such as bread, biscuits and cakes. But equally important is the effect of higher grain prices on the cost of feeding livestock, which in turn must eventually mean higher prices for a whole range of food products from milk and dairy products, to meat, poultry and eggs.

The U.K. is particularly vulnerable since it has to import a considerable amount of North American hard wheat to make the British loaf. Wheat imports, mainly hard wheat, in 1974/75 are estimated at over 3m. tonnes, which, at around £90 a tonne, is a sizeable item in the balance of payments. The higher the price, the more the strain.

U.K. millers have done their best to replace hard wheat as far as possible with soft wheat produced in Britain and on the Continent, but they appear to have reached their limit at present on the amount of replacement possible with the current manufacturing and distribution set-up for British bread. It is all very well to speak, longingly about the French loaf, made from soft wheat, but at the moment such a switch would mean the radical



Grain being harvested in Kazakhstan: despite intensive efforts, grain yields in Russia are very low, reflecting the inefficiency of the whole structure of Soviet agriculture.

alteration of the British baking industry and retail outlets, geared to handling a loaf that is designed not to become stale for several days rather than several hours as in France. At the same time Britain also imports some 3m. tonnes a year of maize, mainly from the U.S. and France, for animal feed, particularly for pigs and poultry. Thus any general rise in grain prices would also hit livestock producers hard. The rise in grain costs has already caused a reversal in the price of compound animal feeding stuffs this year and there are warnings of more increases to come at a time when livestock producers are fighting a hard battle for survival.

In common with the rest of the EEC, the U.K. harvest has been disappointing this year because of drought. It is estimated the total crop will reach just over 14m. tonnes compared with the record output of 16m. tonnes last year. Even allowing for diminished demand as a result of consumer resistance to higher prices, Britain will need to import some 6m. tonnes of grain at least.

The cost of grain imports is already rising because of the declining value of sterling, and this trend is likely to be accelerated by the further devaluation of the "green pound" currently being sought in Brussels in an effort to placate the farmers. So any big rise in international grain prices as a result of the U.S. decision to lift the embargo on sales to the Soviet Union could undermine Britain's anti-inflation campaign.

Last Friday's latest official crop estimate issued by the U.S. Department of Agriculture confirms that the U.S. will have a bumper harvest this year, with record wheat and corn (maize) crops. There should be plentiful supplies to spare for the Soviet Union without inflating prices too much.

The U.S. wheat crop is forecast as being 19 per cent up on last year at a record 2.13bn. bushels (58m. tonnes); the corn (maize) output is expected to rise by 23 per cent to a peak 5.7bn. bushels (148m. tonnes); and soybeans by 19 per cent to 1.4bn. bushels (40m. tonnes).

season. This is a totally different situation from the 1973-74 short-crop, where the U.S. had a poor crop at the same time as Russia, and this is believed to India, and several other major grain importing areas, including the China. Extra pressure was also put on the grain market then by a shortfall in the production of rice—the staple foodstuff of many Asian countries.

The big controversy then centred on the way that the Soviet Union managed to buy large quantities (some 19m. tons) from the U.S. at very low prices, with export subsidies from the U.S. Government, by taking advantage of the lack of communication between the Government and the private grain dealers. The U.S. sold its reserve stocks for a "mass of postage" at a time when the rest of the world was also desperate for supplies.

But although the dispute was over the way that the Soviet Union obtained an oil deal, its grain surplus would welcome the U.S. Administration is conscious of the benefits to consumers. If grain brought a big rise in food prices as well as possible with the U.S. dollar union. There is also sensitivity about being down the river" again. Russians on grain, an absolutely vital that it is seen to obtain advantages before being pared to bail out the Union once more.

Disruptive effect

One of the main motives from the U.S. point of view for seeking a long-term deal is the disruptive effect of sudden, unexpected surpluses in the grain market for large amounts by the Soviet Union.

But the U.S. Administration has other motives for seeking a long-term deal. The idea of a long-term commitment was suggested to placate the American longshoremen who banned loading grain shipments for Russia on the grounds that unlimited exports of this kind would put up U.S. domestic food prices and affect their cost of living. There was another less publicised motive for the dockers' action—their demands that U.S. ships should carry a larger proportion of the grain and that freight rates should be increased—concessions surprisingly quickly agreed by the Russians. For the U.S. Government a long-term deal for supplying the Soviet Union with grain on a regular basis is also useful politically as well as commercially; it must help to defuse the tensions between the two countries and also underlines the success of the capitalist system in producing grain compared with the poor performance under a Communist regime.

Although the Russians are again blaming the weather for the harvest failure, this is beginning to sound rather a weak excuse to explain away the frequent setbacks in the country's grain crops. The fact is that, despite intensive efforts, grain yields in Russia are very low and reflect the inefficiency in the whole structure of Soviet agriculture.

A further objective of the U.S. Government is to use its dominant position to conclude the fight against inflation severely undermined.

Available supplies

Since June the Russia bought nearly 17m. tons which some 10m. tons from the U.S. before the embargo was imposed in as a result of the world for all available grain. It is calculated that the Soviet Union need to buy another 8m. tons and this might also maximum amount since its transport and port facilities cannot handle more than 10m. tons altogether—some might be brought in by "satellite" Eastern European countries. The country with that quantity of grain to spare, U.S., whose bumper crop is also reported to be the storage problems.

With the U.S. holding surplus, and the Soviet Union the only large grain buyer in the near future, it appears inevitable. In terms of the deal, and concessions obtained, are crucial in determining impact any large sale on world grain prices. The hope for the rest of the world is that pressure from the domestic consumer is sufficient to ensure the prices do not explode as a result of Russian buy U.S. Government is to use its dominant position to conclude the fight against inflation severely undermined.

MEN AND MATTERS

Ex-Birkenhead chief for Bear Brand

Ken Medlock, who at 61 has been appointed as the new chairman of the troubled Bear Brand group is a stranger to working in difficult situations. Earlier this year he was summarily dismissed as chief executive of the Birkenhead Co-operative Society, four years after he was brought in to the Society to reform trading operations of the near-£30m. enterprise.

The full details of the disagreement which led to this sudden sacking have never been revealed, and at the time Medlock would only say that he had been dismissed "at a moment's notice." Yesterday he was reluctant to open old sores, but did say that there had been a considerable difference of opinion between himself and the directors of the Society on development strategy.

Birkenhead was the 11th biggest co-operative society in 1974 with a turnover of more than £25m., and a membership of 140,000. But like so many other societies, cash pressures coupled with heavy expansion programmes made continued independence virtually impossible, and around the time of Medlock's departure it was merged into Co-operative Retail Services, which is run by the Co-operative Wholesale Society, and acts as a company doctor for individual societies which get into financial difficulties. Medlock himself says that this was the only possible solution for the Birkenhead.

Medlock is an ex-Dputy chief executive of the CWS, and in addition to reorganising the CWS management structure ran several of the group's non-food activities. One of these was the hosiery manufacturing side, which he sold off to Nottingham Manufacturing—so he comes



"Sorry for the delay—we're trying to find a blackleg!"

the Americans ground to an ignominious and expensive halt caused by a labour dispute which, for the information of the Guinness Book of Records, must rate as the highest ever withdrawal of labour, 16,000 men at the 28,250 foot mountain.

At that level the porters of the expedition demanded special footwear—which the Americans refused to provide saying it was not in the contract. When everyone got down again it was discovered that the provision was contained in an annex to the contract. Now the Pakistanis are trying to prevent a repeat performance next year when a Japanese team is planning to have a go.

Meat beef

Numerous "disastrous" effects of Mr. Anthony Crosland's standstill on local authority spending were exposed in London yesterday by the Council for Educational Advance—an association of pressure groups in which the National Union of Teachers plays a leading part. And one of the major disasters which the council claims are being quietly planned by local authorities turns out to be the substitution of textured vegetable protein for meat in school meals.

This point, far from cementing the national solidarity through which the council hopes to exempt education spending from the expenditure curbs, immediately put it into dispute with the growing number of people represented by the Vegetarian Society.

The alleged substitution would certainly not be a disaster, according to the society. Indeed, it claims that textured vegetable protein was no less nutritious even, though considerably less expensive and had become well established by experiments made by local authorities in various schools.

SUCCESS STORY

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A Honeywell Series 60 computer system is now being used by Sanyo Marubeni (U.K.) Limited, the Watford-based distributors of music centres, television, cassettes and record players.

Payroll, accounts payable, nominal ledger and budgetary control are now transferred to the new system, and data will be entered direct into the computer via four visual display units—so that other applications—order processing and stock control—can be handled with maximum efficiency.

Series 60 means success for further details call 01-568 9191 (ext. 432).

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FINANCIAL TIMES SURVEY

Tuesday October 14 1975

The Diamond Jubilee Motor Show opens at Earls Court tomorrow and continues until October 25

The Motor Industry

This week marks a watershed in the development of the car industry. Against a background of increasing state intervention to shore up some of the major European companies, new model programmes have brought along a stream of tough competitors jostling for sales in a sharply-reduced market. Many of these manufacturers are moving towards a new concept of economy motoring allied with stronger safeguards for the customer.

Take a closer look at the VW Audi Fleet, it may prompt you to take a closer look at your own.

GOLF

Engine . . . 1100 cc (50 b.h.p.) front wheel drive watercooled. 1600 cc (75 b.h.p.) front wheel drive watercooled (LS only).

Range of Models . . . 3 models: N, L & LS, all in 3 and 5 door versions.

Warranty . . . 12 month unlimited mileage warranty.

Service . . . Major service every 10,000 miles. Oil change only at 5,000 miles. Computer diagnosis at all major dealerships.

Safety . . . Built with crumple zones front and back, a diagonally linked dual braking circuit and a stabilized steering system.

Luggage Capacity . . . 12.4 cu. ft. rear boot. 24.7 cu. ft. with rear seat down. Over 8 cwt. payload.

Economy . . . 2 star petrol—all models. 1100 cc—35* mpg—overall. 1600 cc—33* mpg—overall.

Special Features . . . Rear seats fold converting the Golf into an estate car. Wide opening rear tailgate. Large interior capacity. (* DIN 70030)

PASSAT

Engine . . . 1300 cc (60 b.h.p.) front wheel drive, watercooled. 1600 cc (75 b.h.p.) front wheel drive, watercooled (LS only).

Range of Models . . . 3 models: N, L & LS. 3 and 5 door versions or Estate.

Warranty . . . 12 month unlimited mileage warranty.

Service . . . Major service every 10,000 miles. Oil change only at 5,000 miles. Computer diagnosis at all major dealerships.

Safety . . . Built with crumple zones front and back, a diagonally linked dual braking circuit and a stabilized steering system.

Luggage Capacity . . . Saloons: 14.8 cu. ft. Rear seat down, 28.2 cu. ft. Payload: Over 8 cwt. Estate version: 24.7 cu. ft. Rear seat down, 51.6 cu. ft. Payload: 10 cwt.

Economy . . . 32.8* mpg overall on 2 star petrol.

Special Features . . . Rear seats fold down to double load area. Wide rear opening tailgate enabling even awkward loads to be carried. (* DIN 70030)

COMMERCIALS

Engine . . . 1600 cc (50 b.h.p.) rear wheel drive, aircooled. 2000 cc (70 b.h.p.) rear wheel drive, aircooled.

Range . . . 1.0 or 1.2 ton payload van. High roof van. Long wheelbase van. 12 seater bus. Microbuses. Pick-ups—Double cab, Wide bodied pick-up, Hydraulic Tipper.

Special conversions available—Milk Float, Insulated Van, Fire Appliance, etc.

Warranty . . . 12 month unlimited mileage warranty.

Service . . . Major service every 6,000 miles. Oil change only at 3,000 miles.

Safety . . . High level of in-built safety including safety steering column and energy absorbing chassis design.

Capacity . . . Vans up to 1.2 tons payload. Longest and highest load-space of major competitors. 177 cubic feet of usable loadspace.

Economy . . . Petrol consumption—1600 cc engine 24.8* mpg on 2 star petrol.

Special Features . . . Economy. Reliability. High standard of finish. Car-like cab comfort. Many extras as standard. Europe's largest-selling medium commercial. (* DIN 70030)

AUDI 100

Engine . . . 1800 cc (100 b.h.p.) LS model and 1900 cc (112 b.h.p.) GL & SE models. All front wheel drive and watercooled.

Range of Models . . . 3 versions: LS, GL & SE automatic. All 4 door.

Warranty . . . 12 month unlimited mileage warranty.

Service . . . Major service every 10,000 miles. Oil change only at 5,000 miles.

Safety . . . Built with crumple zones front and back, a diagonally linked dual braking circuit and a stabilized steering system.

Luggage Capacity . . . 23 cu. ft. Payload—over 9 cwt.

Economy . . . All Audi 100 Models: 31.7* mpg. SE model 27.9* mpg.

Special Features . . . 3 litre performance and comfort with 2 litre economy. (* DIN 70030)

AUDI 80

Engine . . . 1300 cc (60 b.h.p.) L model 1600 cc (75 b.h.p.) LS model and 1600 cc (85 b.h.p.) GL model. All front wheel drive, watercooled.

Range of Models . . . 3 models: L, LS & GL. All 4 door plus GL estate model available on a luxury package.

Warranty . . . 12 month unlimited mileage warranty.

Service . . . Major service every 10,000 miles. Oil change only at 5,000 miles.

Safety . . . Built with crumple zones front and back, a diagonally linked dual braking circuit and a stabilized steering system.

Luggage Capacity . . . Saloon versions 16 cu. ft. and 8 cwt. payload. GL Estate 26 cu. ft. Rear seat down 54 cu. ft. and 10 cwt. payload.

Economy . . . Audi 80 L & LS models, 32.8* mpg. GL 34* mpg.

Special Features . . . Superior performance and comfort linked with exceptional economy. (* DIN 70030)



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THE MOTOR INDUSTRY II

Policies for survival begin to pay off

AFTER 18 months of gloom for the car industry, the first pieces of cheerful news are beginning to filter through from West Germany and France. In a few factories, particularly in Germany, shifts which were removed during last year's slump are now being brought back, and, significantly, the Germans and French are buying many more big cars than they did last year. The days of bounding optimism, when the motor industry saw Europe advancing unchecked to U.S. levels of ownership, are gone for the foreseeable future. But for most of the countries of Europe, the worst could now be over.

This is not the case yet in the U.K. The consensus of opinion in the British industry is that if 1975 has been a bad year, 1976 will be even worse: the market for new cars is expected to slip from this year's level (now forecast at between 1.1m. and 1.2m. cars) to only just over 1m. with perhaps some recovery beginning in the last quarter of the year. In these circumstances the basic requirement of the hour is to develop policies for survival, and after the torrent of new models introduced earlier this year, car companies as a whole have turned their attention to their marketing departments. The result has been a continuous series of incentive plans spreading like wildfire from manufacturer to manufacturer.

Inducements

Although these schemes began with straightforward cash inducements to customers, the latest series of improved warranty plans have seen the industry beginning to come to terms with the problems of quality and service which have long been the main targets of the critics. So the rapidly rising sales of imports into the U.K., often, apparently, winning their market share because of their better reputation for sound construction, has paradoxically forced manufacturers during a period of decline to spend heavily on improvements in this area.

For motorists in general this can only be a good sign. Already the 12 months' unlimited mileage warranty provisions are spreading across Europe to an extent which is irreversible. Such provisions argue that manufacturers will be forced to build better quality into their products, and that dealers will have to back them up with more attention to the customer.

The problem with these schemes, and one which the customer often forgets, is their expense. Peugeot, for example, has only been able to develop a reputation for a premium product at a premium price, and British Leyland, aiming to do the same, admits that one cannot go without the other. For all car manufacturers, forced as they have been this year by material cost increases even greater than the general rise in inflation (hence the gradual move of prices ahead of their traditional relationship with wages), the penalty of more forceful marketing has been heavy. Chrysler U.K., for example, which declared a loss of almost £16m. for the first half year, has been forced to draw on financial help from its U.S. parent.

These financial strains clearly raise doubts about the continuing viability of some of the smaller European companies. Over the past 12 months the process of merger and takeover, which has gone on steadily since the 1950s, has shown few signs of slowing down. The same process occurred in America in the 1930s, but in Europe was obstructed by national identity, now, of course, being gradually removed under the umbrella of the EEC. As the barriers have crumbled down, the last year has seen the French Government intervene with a loan to help Peugeot take over Citroën, while Volvo has taken over DAF, the small Dutch concern, and the British Government has taken on responsibility for British Leyland.

State assistance for B.L., calculated at well over £1bn. on constant value terms, raises a wider question about the ability of motor companies to survive in Europe on a purely commercial basis. Certainly the whole of the European industry now displays a very high degree of

Government intervention. In France, apart from the Government intervention at Citroën, Renault is State-owned; in Italy, Alfa Romeo is owned by IRI, the State-backed holding company; and in Germany some 40 per cent. of Volkswagen's shares are held either by the Government or the local state. For many year competitors of Renault have complained, rightly or not, that its prices are sometimes unfair, reflecting its financial links with the State. Already similar doubts are being expressed about B.L. particularly in the wake of expensive sales promotion campaigns such as the recently concluded Superdeal. If these complaints are indeed justified, then the major problem, posed in the long term could be to the American-controlled motor companies.

Profits

These concerns, if looked at purely in terms of their productive capacity within individual national boundaries, are not large in comparison with the major European companies, and two of them, Vauxhall (the General Motors subsidiary), and Chrysler U.K., have for the last decade or so found it difficult to make consistent profits. Chrysler has for months now been the butt of speculation that it might be forced to withdraw from the U.K.

Ford, the other of the U.S.-controlled companies, has overcome this size problem by integrating its European operations in Germany and the U.K., soon to be followed by its new small car plant at Valencia in Spain. The philosophy behind such product integration is to cut design and development costs and to make parts which can be highly automated in selected points only; the economies of scale in assembly operations are not so great, so it is possible to divide this between different plants, as Ford has done—the Escort, for instance, is made at both Saarlouis and Halewood.

What Ford can do could presumably be followed by both GM and Chrysler, although the basic GM philosophy has always been to give individual companies more autonomy than

Ford allows. To some degree, without any declared policy change, it is already apparent that the separate units of these companies are drawing closer. For example, the new Vauxhall Chevette employs many of the parts first designed for the Opel Kadett; and the new 1307/1308 Simca, which will be called the Chrysler Alpine in the U.K., was substantially designed in Britain. One long-term plan frequently suggested as under consideration by both Vauxhall and Chrysler, is for a concentration of their truck businesses in the U.K. and their car manufacturing in Europe.

Such a policy would at least produce companies closer to the size which appears to be necessary to compete in the market for mass-produced cars. Smaller companies can survive healthily, as Volvo, Saab, BMW and Mercedes have shown, but to do so they must ideally occupy unique niches in the market which allows them healthy margins. Some economists believe that even companies like these will be challenged in future, and that, as in America, there is scope for even greater parts

rationalisation covered over by elaborate cosmetic differences in the bodywork.

Joint projects, like the Douvain engine plant development by Renault, Peugeot and Volvo, may be one way round such problems. Renault is known to favour more experiments of the same kind (this one has already resulted in three very different cars), and a number of manufacturers have expressed an interest. Similar collaboration between manufacturers, on marketing projects or component buying, has also been suggested as a way which would enable companies to keep their identity yet achieve some of the benefits of scale.

Whether such schemes can be made to work in the cold reality of commercial life is another matter. But as Europe draws together and becomes a more homogeneous market, it seems doubtful that all of its small companies can survive, and that suggests either that they merge, or collaborate, or go out of business altogether.

Terry Dodsworth

Fewer new models

GIVEN THE many learned dissensions from motor industry pundits over the last couple of years on how the oil crisis would change the emphasis of motoring and lead to the evolution of a different species of motor car, the new models introduced in the last year seem surprisingly like the crops of previous, more buoyant times. Indeed, if anything, the emphasis, within Europe at least, seems to have been upon medium and luxury saloons with relatively high petrol consumption—as witnessed by the new cars from British Leyland, Renault, Peugeot and Volvo.

Model policy—which determines the size and composition of a manufacturer's range and forms the basis of its marketing activities—has, not surprisingly, been thrown into confusion since the winter of 1973-74. There can be little doubt that swinging increases in petrol prices, speed limit legislation and the altogether less encouraging economic prospects have brought about changes in consumers' preferences and have led to a thorough re-examination by the automobile industry of the types of cars produced. But although it has become "conventional wisdom" that there will now be greater emphasis on lower petrol consumption, more aerodynamic design and lightweight construction, the new models of the last twelve months have bowed to few, if any of these features.

This is due to two main factors: first, the long lead time in introducing a new model—which means that all 1974's new cars were conceived before the oil crisis; and second, that consumers' reactions to the changed conditions have not in all cases been as originally anticipated. One of the cornerstones of Ford's strategy is the provision of a relatively wide range of model variations despite the fact that only four basic bodies and five engines are used. For example, the 1300 and the 1600 engines are seen in versions of the Escort, Cortina and Capri. Once the various levels of luxury specifications are taken into account—up to the top-of-the-range Ghia versions of the Escort, Capri and Granada—as well as the estate versions, then the number of different alternatives available is surprisingly large. There are, for example, no less than 15 different versions of the Escort.

It is misleading to suggest that the approaches of B.L. and Ford are completely different because it must be remembered that the car market is no homogeneous beast. Seemingly conflicting trends—such as the simultaneous movement "up the market" and towards more "basic" models offering greater value for money—can easily exist side by side due to varying individual priorities.

Although British Leyland, largely for historical reasons, seems to lack the consistent approach seen at Ford, model

policies are under constant review and the new unified car division is likely to lead to a more comprehensive overall policy. The revised Marina and Allegro are examples of marketing rather than new model policy, but the last year has also seen the introduction of three entirely new models and there are several others in the pipeline. The most significant model, as far as the U.K. is concerned is the replacement for the 1600/2200 series. This has now been renamed the "Princess," which means the disappearance of the Wolseley name. The new TR7 sports car has also been introduced in the United States where it is primarily planned to challenge the popularity of the Datsun 260. The TR7 is due for the U.K. in the spring of next year.

Next spring will also see the launching of the new Rover model which will initially, with an engine of the same size, replace the Rover 3500 models and will later be provided with a two-litre engine, when it will replace the Rover 2200 and Triumph 2000 series.

At the top of the range, Jaguar recently introduced its new XJ-S sports coupé, which, at a basic £8,900, is the most expensive Jaguar ever produced. Once again this car is mainly aimed at the U.S. market where, it is hoped, it will provide a significant challenge to the top Italian specialist cars and the sports BMWs and Mercedes.

As for the other two major British manufacturers, Vauxhall and Chrysler, questions have for some time been asked about the future of their car production activities in the U.K., although their American parents have stringently denied that any pull-out was being considered.

Range

Vauxhall's range has been pepped-up this year by the introduction of a new small car, the Chevette, sales of which have gone well considering the overall state of the market and the intensity of foreign competition. But the rest of the range is showing signs of age and it has been strongly rumoured that another new car, code-named "Cavalier," will be shipped in from Opel, General

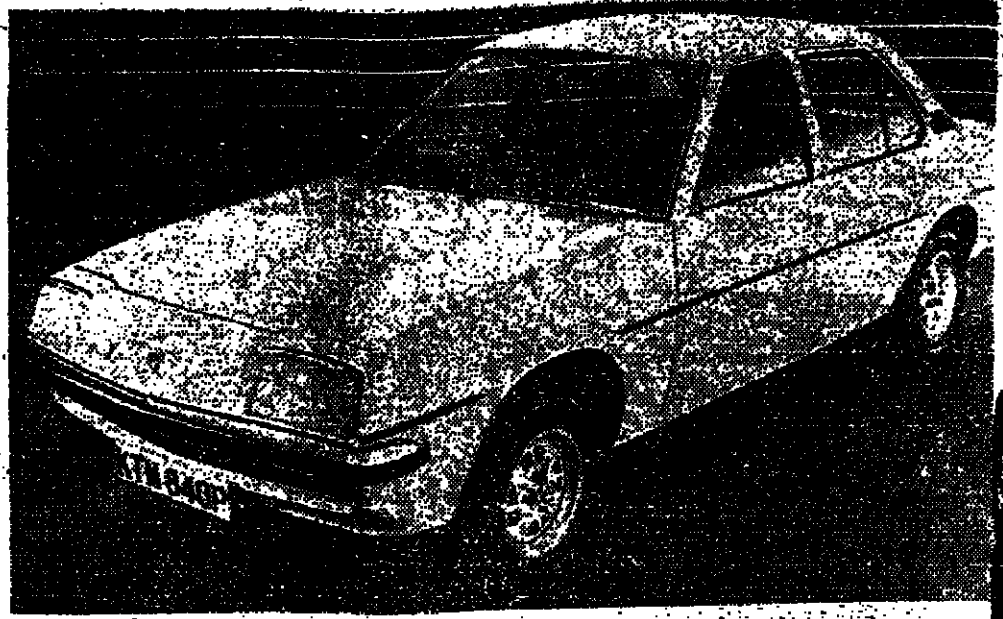
Motors' German subsidiary assembled in the U.K. car would fit into Vauxhall's range between the Chevette and the Victor VX 4/90 model. Chrysler is perhaps in the worst position of all—borne out by its recent models in the Hunter Imp and with its more Avenger hit hard by the in fleet demand. It planned to import the Simca Alpine saloon in 1975, after which the time for which the U.K. soldier on remains a question.

Among the European factories, the length of gestation periods, an resultant fact that sometimes look a little timely when finally launched exemplified by the three the-range models produced by Volvo, Renault and Peugeot, which are based on litre engine jointly developed by the three companies. Volvo 264, the Renault 264, and the Peugeot 604, all introduced within the last year, looked a little out of tune with a cost-conscious market offering significant steps in design, performance and comfort.

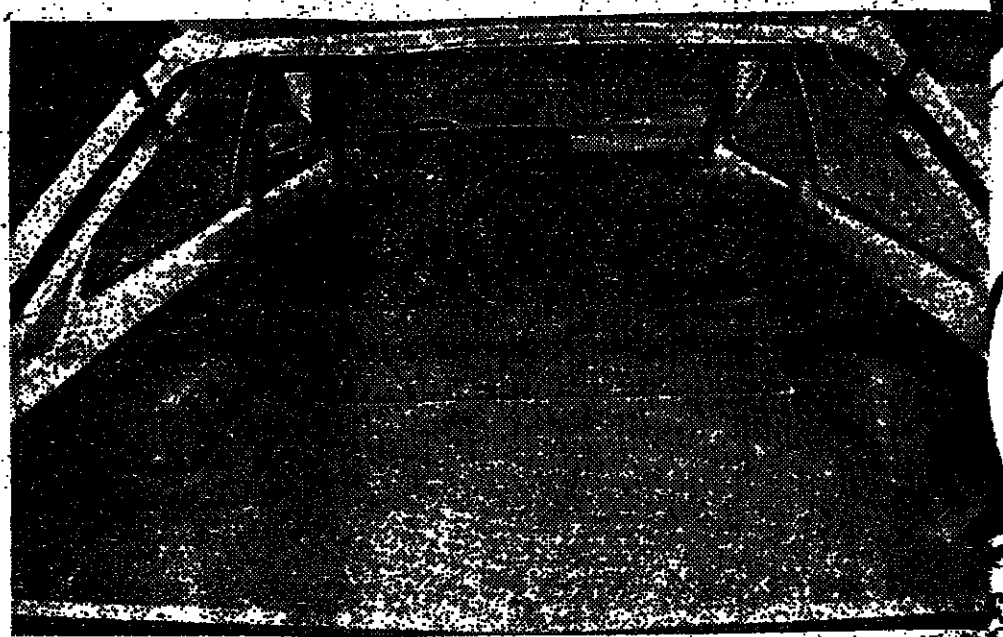
The apparently contradictory phenomenon of "up the market" demand increasing once again by the fact that Volvo, in the wake of its takeover of DAF, is now out of the Dutch models, will in future bear the badge, with all the extra holding their prices to ably in the process.

For the major motor companies as a whole, the important implications of the oil crisis lie not so much in changed attitudes to the models but in the company's own survival in the much reduced overall demand. Given that, the rate of introduction of new models as a whole is likely to slow for a number of years. Nevertheless, models will continue to be introduced and those that keep up with the race inevitably find their shares suffering.

Peter F.



Two recent Vauxhall models. Above the new Cavalier and below is the interior of the Chevette.

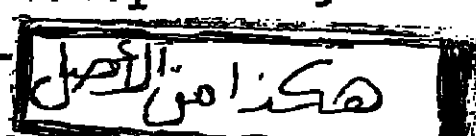


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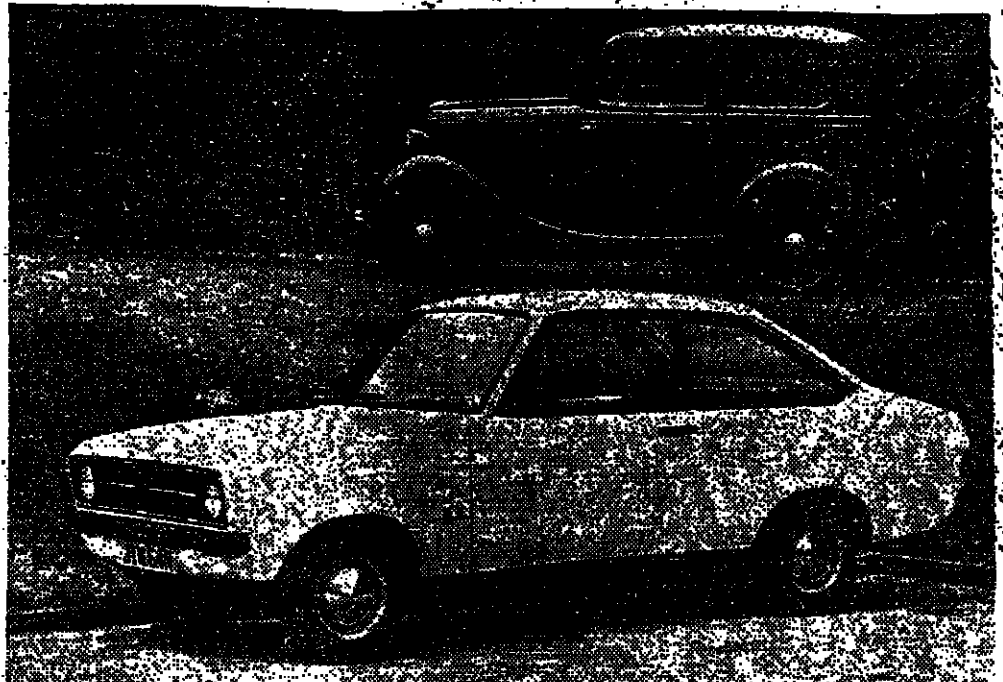
See car upholstery in ICI fibres at the Motor Show



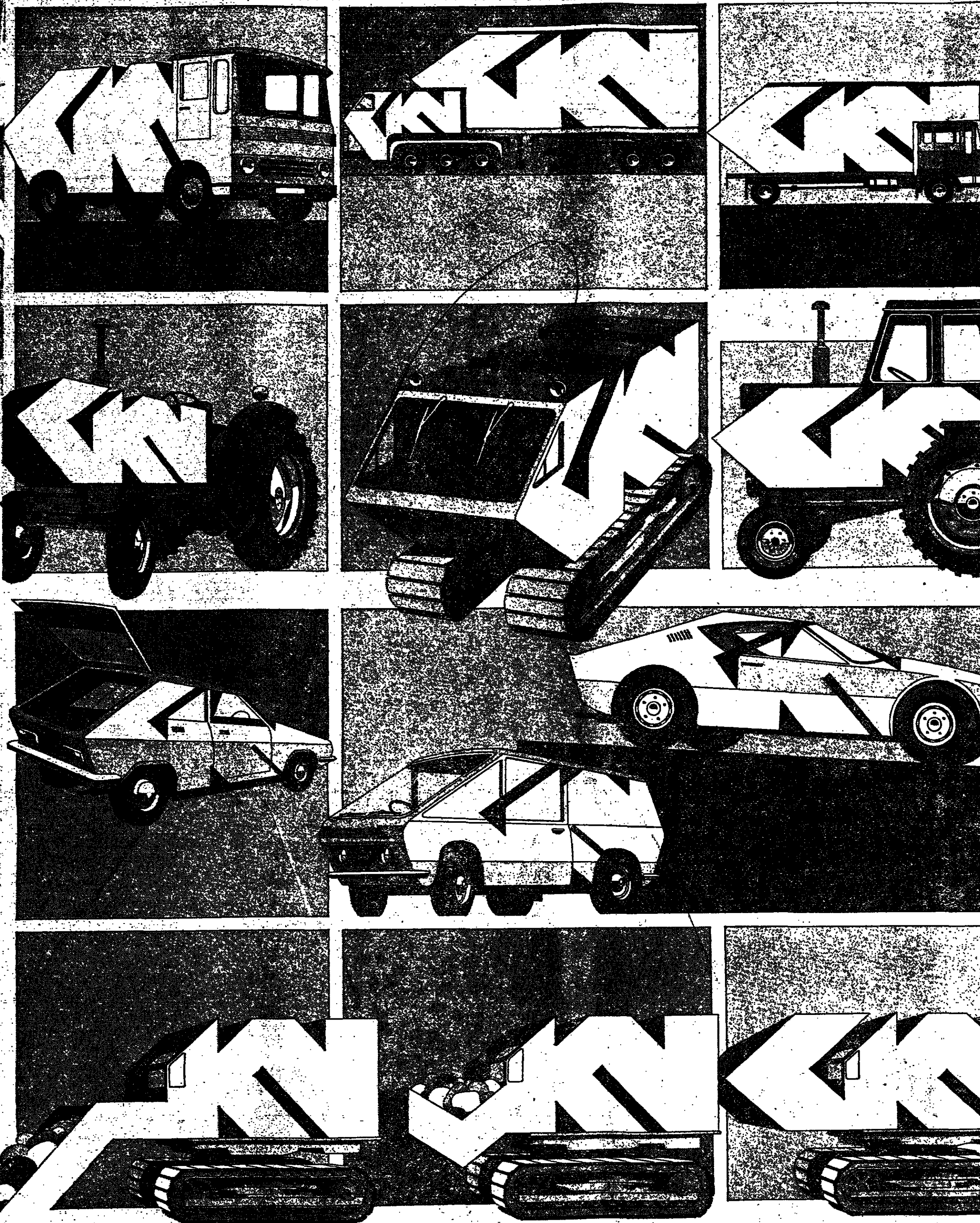
Ford's approach is quite different, with an emphasis on offering more basic models as part of a marketing programme which places heavy emphasis on value for money. This approach originally applied to the crash programme on the Popular version of the Escort, has now been extended in a modified form throughout the range. The argument against producing basic—although, Ford will emphasise, far from "stripped out"—versions, is that they may simply win sales from its other models. Ford, however, rejects this notion.

The company has traditionally had a much more "tidy" approach to new model policy than British Leyland, not surprising perhaps given B.L.'s mixed parentage and its high-glyde-piggledy growth, factors with which it is still trying to struggle.

Ford has relied for some time now on a basic four model



The Ford Popular Y Model with the first ever Popular which was first produced in 1935.



List of main products

- Aluminium extrusions
- Aluminium ingots
- Anti-lock braking
- Ferguson Formula
- Assemblies
- Axles, driving - cars, light trucks, dumpers
- Axles, steering/driving
- Axles, hub reduction
- Bellows
- Bearing metal ingots
- Bearings, ball, roller and taper roller
- Bearings, sintered metal, oil retaining
- Bearings, thin wall (for engine crankshaft and connecting rods)
- Body panels
- Bolts, all international standards
- Bolts, self-locking
- Bolts, standard and special
- Bronze, chill cast stick
- Bronze, continuous cast bar
- Bronze wrought alloys
- Bumpers and over-riders
- Bushes, non-ferrous
- Bushes, oil-retaining
- Bushes, dry
- Cabs, trucks and tractors
- Castings, malleable iron
- Castings, light alloy
- Chassis frames
- Clutches, diaphragm spring, "Belleville" disc and coil spring
- Component parts, precision slotted
- Control cables
- Couplings, universal ("Hook's" type)
- Couplings, constant velocity
- Couplings, plunging
- Crankshaft forgings
- Crankshafts, finish machined
- Diagnostic equipment, engine and vehicle performance
- Differential units
- Differentials, limited slip ("Power Lok")
- Drive shafts (to road wheels)
- Electrical laminations
- Extrusions, aluminium
- Extrusions (cold extruded in steel)
- Extrusions, impact
- Fabrications
- Fasteners (all types)
- Flexible Drives
- Forgings - drop, press and upset
- Forgings, impact machined
- Forgings, powder metal
- Forgings, precision
- Four wheel drive ("Ferguson Formula")
- Garage equipment
- Hinges, door
- Hoses
- Impact extrusions
- Joints, constant velocity
- Joints, plunging
- Joints, universal ("Hook's" type)
- Lock nuts
- Locks, door
- Locks, fuel caps
- Locks, ignition
- Locks, steering
- Maintenance workshop equipment
- Nuts, all international standards
- Nuts, standard
- Nuts, special
- Overdrive units
- Overdrive units
- "Range Change" (double gear ratio range)
- Plastic mouldings (radiator grilles, body interior units, etc.)
- Plastic panels, glass fibre reinforced
- Powder metallurgy
- Power take-off shafts
- Power take-off shafts, agricultural
- Pressings, from small cover plates to truck and bus side frames
- Propeller shafts
- Push rods, engine
- Range Change overdrive
- Road wheels
- Rocker arms, engine (pressed steel)
- Screws, all international standards
- Screws, machine, standard
- Screws, machine, special
- Screws, self-piercing and tapping
- Screws, self-tapping
- Screws, wood
- Sintered metal components
- Spring steel, strip and wire
- Starter rings
- Steel bars, black and bright drawn
- Steel bars, free cutting
- Steel strip, hot and cold rolled
- Steel - special rolled section
- Steel wire, cold forging quality
- Strainers, metal and nylon
- Transmission components
- Transmission system, "Ferguson Formula"
- Washers, bearing thrust
- Washers, standard
- Washers, special
- Wheels, road, light alloy
- Wheels, road (for buses, trucks, tractors, dumpers, earth movers)
- White metal ingots
- Window catches
- Wire
- Wood screws, slotted head
- Wood screws, recess head ("Posidriv")

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Terry Dodsworth contributed by the component makers. Adding in other motor

been slow to follow that example, with the result that the

Peter Cartwright

come the obstacles of shipping vehicles, are now actively building up overseas manufacturing bases. Hence the immense importance of the U.S. to European and Japanese manufacturers. Volkswagen was the first overseas company to display the vulnerability of the U.S. to a different kind of vehicle than those produced at home, and at

contributed by the component makers. Adding in other motor

Peter Cartwright

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The Austin Allegro 1500 Super Estate.

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tively, even small retail

started such a policy in the mid 1960s, and BL followed after the merger which created it in the late 1960s. Both rationalisations were felt to be necessary in order to get throughput and market share up, though, in fact neither improved to an outstanding extent. And ironically these moves towards improving efficiency provided the perfect opportunity for the new importers to the U.K. to get a foothold. In particular, it allowed the Japanese to get established,

BL is still left with a difficult problem: which of the new management will have to tackle within the next few months. The difficulty derives from the group's origins as a number of different manufacturers, each with its own selling arm: to-day, a number of these live on, with a consequence that there are different dealer networks for Austin/Morris, Rover/Triumph and Jaguar, while the separate marque name for Wolseley has, until recently, survived. Dealers for the three marques exist side by side, with their areas of influence sometimes overlapping. Somehow this jumble of names, identities and functions must be rationalised.

The challenge BL now faces is to improve morale among its dealers while increasing throughput. At the same time, it has to push through another rationalisation of the dealer

Deliveries

The rapid rise of Datsun among the league of importers to the U.K. has shown just how effective such a steady, virtually guaranteed supply of vehicles can be in the market place. Whereas in the early 1970s, BL was often being forced to impose long delays on deliveries, Datsun customers could be assured of delivery within a few days; and as the market boomed this was a major factor in the switch away from British cars.

But Datsun, under the direction of Mr. Octav Botnar, has also been a tireless marketing innovator. The company initiated cheap HP rates for its customers in the U.K., and assured them of competitive insurance rates, both ideas which were only tardily copied by competitors.

Both Nissan (the Datsun manufacturer) and Toyota, the largest of the Japanese car companies, have prospered in the U.K. by franchising a local company rather than by directly owning the distributor organisation. The signs are that the way in which sales have been built up has been closely directed from Japan—Toyota, known as the more cautious company in Japan, has proceeded by steadily building-up year after year, while Datsun went all out for sales in its early spell in

the U.K. and then has held back under criticism of "disorderly" marketing. But despite this overall control, the marketing operation has been basically directed by the franchise holders, contrary to the Japanese methods in the U.S., where the distributors are wholly owned, like most of the immensely successful motor cycle networks.

There has been some debate among motor manufacturers on which is the best kind of organization for selling overseas. But at a certain point the debate becomes academic. When an overseas business becomes of central importance to the producer—as Volkswagen's in the U.S., for example—it can scarcely afford to leave it in the hands of a local franchisee. The manufacturer needs to have control to protect himself against sudden policy

· In Europe, too, the pattern of control is a patchy one. In the U.K., for example, two of the largest importers from the EEC, Fiat and Renault, have always owned their local distribution outfit; but VW, equally successful, has run it through a franchise system, and will continue to do so now that the franchise has been bought from Thomas Tilling by Lear.

Within the rest of the EEC, BL is faced with a similar question. Since its formation in 1968, the Corporation has gradually been converting to a system of wholly-owned distributors. Germany now being the outstanding anomaly with distribution being carried out through Brüggemann, Düsseldorf. BL is planning to spend modestly in building up dealer networks, may well want to embrace that also within the system it has been developing. Clearly if it is going to build up to the level of 4 per cent market share within Europe outlined by the Ryder Report, it will need to make a concerted effort and effort it is putting into achieving that target is well directed.

Terry Dodsworth

Mergers

CONTINUED FROM PREVIOUS PAGE

around on a reciprocating basis. If the models made in different centres are also the same, then some vital dies can be simply duplicated at different plants. In economic and social terms there may even be advantages in such a system. An assembly plant reaches maximum efficiency on the basis of current technology at a production level of about 308,000 vehicles a year (Halewood, Liverpool, for example, is now producing at the rate of about 200,000 a year). So given the social pressures which build up in huge plants, it is as well to have them separated as linked together on one huge site.

Apart from the U.S. controlled companies, there are a number of second-rank concerns which have all displayed a patchy financial record over the last few years. Prominent among them is British Leyland, with a capacity of just over 1m cars, Citroën which is now subsidising into the control of Peugeot, and Alfa Romeo. All three appear to have the future

manufacturing plant set up on a co-operative basis by competitors. Volvo, along with Renault and Peugeot, is one of the companies involved in the most ambitious project of this kind so far, the joint engine plant at Douvain in France.

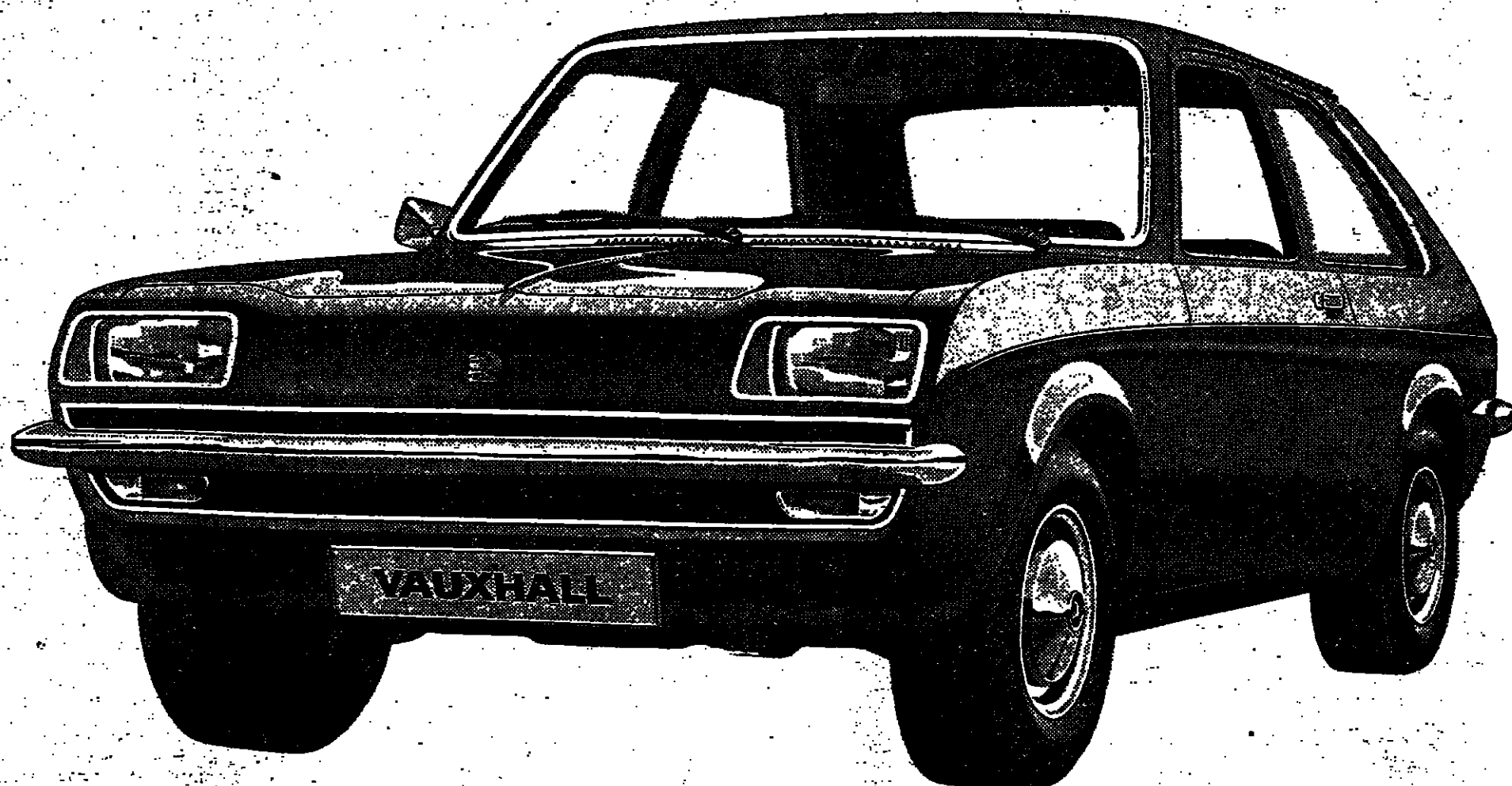
This solved all three companies' need for a new V6 2.7 litre engine, and each has now built a car around the new engine—each car, significantly, emerging very much in character with the individual style of the company which produced it. Fiat, in the past, had a similar connection with Citroen, since dissolved.

Clearly, these kinds of agreements demand tact and effort to succeed. But a number of manufacturers, Renault prominent among them, are keen to negotiate more of the same kind. It may be one way for the European industry to keep a larger number of manufacturing concerns than is strictly necessary.

Terry Dodsworth

Terry Dodsworth

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Vauxhall

THE MOTOR INDUSTRY VI

Impact of the developing nations

WHEN DEVELOPING nations get beyond the cement works stage of industrial growth, almost the first thing they turn their attention to is the motor industry. Unlike that other general favourite—the wholly-owned international airline—the reasons are not simply related to prestige.

For a start, transportation in these countries is usually relatively crude. Because there are few railways, a trucking industry is a basic ingredient of industrial development, and since trucks are a costly import item, the advantages of making them locally are obvious. In addition, because of the bulk of a truck, many manufacturers prefer to export them in parts and build locally; from that, it is a small step to begin to make some of the parts themselves locally.

Secondly, the motor industry provides what is possibly the smoothest way into the development of an engineering industry. The client nation can start with simple assembly work from imported parts: from there it can begin to make some of the simpler pieces—say the body pressings. Then it can add on forging, machinery, and so on into engine assembly and finally the manufacturing of sophisticated parts.

This, for example, is very much the route being followed in Iran, where Chrysler has its enormous export order. Already Iran National, where the Hunter is assembled, is doing the body pressings for the local version of the car (the Paykan). Alongside these developments a number of component manufacturers, notably GKN, are putting down roots to produce locally. Within a decade or so Iran could be in a position to manufacture its own vehicles from scratch.

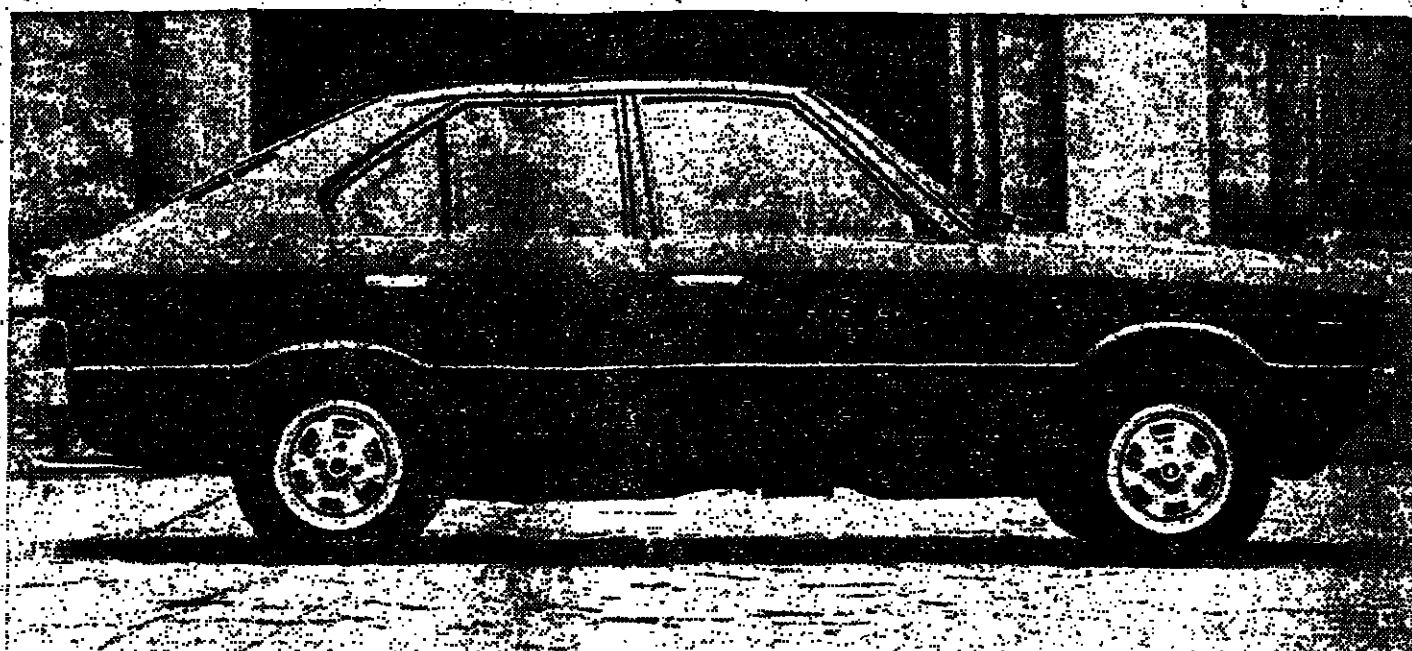
Whether it will ever make a truly Iranian vehicle is another matter, depending on politics as

Different

The same cannot be said, however, of Brazil, where major American and European manufacturers have been allowed to build up the industry on the basis of the cars they have designed and built for other markets. VW, for example, currently makes four times as many Beetles in Brazil as it does in Germany. General Motors, on the other hand, produces some special vehicles for Brazil alone, but these generally owe a great deal to other GM companies elsewhere. For example, the so-called "T" car in Brazil (which appears as the Chevette in Britain), while based on the concept developed by Opel, GM's German company, uses a U.S.-derived GM engine. Thus GM Brazil works within the group's general concept of developing world models, which then appear in slightly different form in different markets.

Over the last decade South America, and particularly Brazil, has been one of the favoured areas of expansion for the motor industry. Spain has been another, although the recent political troubles, may dampen enthusiasm for an area seen formerly as providing a reservoir of labour in a stable political climate.

Clearly Spain also has geographical advantages as a convenient supply base for the Mediterranean littoral, an area of growth for the motor industry as Arab oil wealth filters across North Africa. But the



The Hyundai.

European and U.S. companies are also looking further afield, to the Communist economies of Eastern Europe, and to the oil states which cluster around the Gulf.

In Eastern Europe a number of developments have already begun. Fiat, for example, has helped the Russians with the great Togliatti plant, and has provided it with one of its own designs—the 124, now discontinued. In Italy itself, the Italian company has also been active in Poland, where the Polish-Fiat 125, now on sale in the U.K., was produced from the old Fiat 125. Similarly Renault has developed links with Romania, shipping out parts of the RS for local assembly.

Whether these moves will ever lead to Western investment in these economies is another matter, although General Motors is believed to be interested in such a venture. What they do unquestionably

display, however, is a growing awareness of the motor industry in this part of the world, and a gradual relaxation of anti-consumer goods mentality which

led to Stalin and Khrushchev to invest almost exclusively in public transport systems rather than the car. As this attitude develops, and motor production grows, the West could come under increasing pressure from exports from this part of the world: already the Lada, the

Polski-Fiat and the Czech-built Skoda are selling strongly in the U.K.

In the Far East, particularly in Indonesia, similar developments have begun, generally under Japanese tutelage. Japan remains an extraordinary island of technology and development unrivalled in its part of the world. But in the motor industry another star is rising in South Korea, where a motor industry is growing up over-

night under the direction of an Englishman, the former British Leyland executive, Mr. George Turnbull.

The Korean project is extraordinarily ambitious—to establish a mass-producing car line, from scratch, in roughly two years, and to take on truck production within another 12 months. But so far the plan is running to schedule: the first Hyundai car, designed by an Italian in a very European style,

is due off the line in December, and the trucks some time next year. In not many months the plant should be producing to a capacity of 100,000 vehicles a year.

The vigour and vitality of the infant economy which has made the Hyundai development possible has surprised the Western-trained executives who have helped set up the factories. But it is difficult to determine how much of a threat this new Far Eastern company might be to the Western European companies, which have faced stiff competition of late from the Japanese. For the first few years at any rate, it seems that Hyundai will aim in its exports (it intends to export right from the beginning) at the smaller markets of the Middle East rather than the larger markets which demand long supply lines and strong back-up services.

Elsewhere, in the Gulf, the Japanese have reared the most active competition of late from the British in particular, beset by the Arab bo both BL and Ford. In longer term, the most interesting developments looking place in the local touring contracts.

General Motors has signed contracts to local manufacturing in Arabia and Iran, and in Egypt, another power with a promising economy after opening of the Suez Canal. After the successful Middle East conflict, many companies with developing in Egypt are angling anxiously to see some of the contracts, the Atlantic.

Terry Dod

Contract

The Middle East itself now constitutes another growth area for the motor industry, perhaps the one which is regarded as the most attractive of all just at the moment. Britain, by virtue of the Chrysler contract in Iran, where the U.K. company is sending some 120,000 "knocked down" kits this year, is perhaps the best-established of all the Western European nations: Iran is one of the few countries in the region which

Improving fuel economy

IT IS SAFE to say that two years ago fuel economy came well down the list of the average motorist's priorities. How else could Ford, the company which grew to prominence as the manufacturer of the Popular, the working-man's car, have managed to uprate engine capacity and performance in its vehicles while still hanging on to the mass market? Nothing shows the shift to economy motoring more clearly than Ford's recent conversion back to the Popular ideal, a truly radical reversal of its marketing and engineering policies of the last decade.

But Ford, starting with its economy version in the Escort Popular, and now extending the principle to the Capri, is only one example of what has become a marked trend in the industry. High on the list of the qualities being hammered home about the new Volkswagen Golf—alongside the Escort one of Europe's most successful cars

this year—is its economy. The same is true of the Renault 5, the small Fiat range and the new Vauxhall Chevette, to say nothing of up-market models like the new British Leyland Princess.

In the U.S. even more dramatic improvements are possible by taking some of the unnecessary weight out of the characteristically large American vehicles. General Motors has set itself a target of a 40 per cent improvement in fuel usage over the next few years, which can be achieved as much by re-designing the body as the engine. But these are really only the first hurried reactions to the oil crisis; if there are longer-term improvements to be made, these will flow from the research into alternative fuels and designs in which almost every major manufacturer is now involved.

A great deal of scepticism still surrounds these developments: the diesel engine, it is

said, is too noisy, heavy and lazy for the motor car; electric vehicles are utterly inconvenient because of their poor performance, limited range, and the need for lengthy recharging periods; and the designers who are once again examining steam propulsion or units like the Stirling engine are clearly looking a good many years ahead before they can expect commercial exploitation of these devices.

Rivals

In the immediate future the diesel engine clearly has a head start on any of its rivals. Like the petrol engine, it has already had many years of development, and has also been fairly widely used in cars. Official bodies like the Department of Industry and the Central Policy Review Staff—the Think Tank—have also come out heavily in favour of the diesel as an overall energy saver, and the discriminatory pricing structure in favour of diesel fuel is a clear indication that Whitehall would like to see more use being made of diesel cars.

This thinking has already had some impact. In Germany, home of the diesel engine, and where the diesel car has had a respectable history, Mercedes has considerably increased production this year, and sales of the Mercedes diesel introduced to the U.K. have gone well. But while no one has doubts about the utility of diesels in trucks and vans (its use in vans has accelerated sharply this year), the question now is whether more manufacturers will back it for the motor car. So far only three European manufacturers—Mercedes, Peugeot and Opel—make any number of diesels, although other companies, notably British Leyland, do fit diesels into some of their export vehicles.

Some engineers argue that there are inherent disadvantages to the diesel which will never make it an ideal replacement for the petrol engine. Although it is generally accepted that diesels are more economical in the half-throttle town driving which constitutes a lot of modern motoring, there is considerable argument over whether the diesel is inherently more efficient. For over the last few years, has had a given cubic capacity, diesel

engines have much less performance than petrol engines. Critics argue that comparisons should ideally be made on the basis of performance characteristics, and this would show smaller, and hence more economical, petrol engines doing the same job as larger diesels.

The other, more obvious, problems with the diesel are its weight and noisiness, both basically deriving from the much higher compression ratios at which the engine runs—in the region of 16-20:1 in diesels, as against 8-12:1 in petrol engines. While this gives the diesel engine a robustness which the average petrol engine does not have, it also causes a considerable price penalty, and if strength really becomes a selling point, then advocates of petrol engines argue that they could easily be made to last equally as long.

The future of the electric vehicle is equally, if not more, controversial. The argument in favour of electric propulsion is that it would reduce the use of fossil fuels, and that overall, electric motors would make more efficient use of energy sources. The difficulties, however, are obvious: conventional

batteries are exceedingly heavy and bulky; the performance of electric vehicles, with limited acceleration and with speeds of between 30 and 40 mph, is very limited; and compared with the petrol car, which can run for 200 miles on a single charge of petrol, and needs only five minutes to fill up again, the electric vehicle has a very limited range and extremely lengthy recharging periods.

Nevertheless, a number of developments are under way in Germany, France and particularly Japan to improve the performance of electric vehicles, and already several designs for short-haul delivery vans are well advanced: in the U.K. the Enfield van is being used experimentally by the Electricity Council and the Lucas van by the Post Office. Looking to the long-term—say a 20-year time span—electric vehicles will inevitably receive a great deal of attention combined with considerable Government support. One advantage of the electric vehicle is its environmental acceptability, an area which, over the last few years, has had just as much attention as

economy from the One of the most developments to the combustion engine is the so-called stratified combustion chamber developed by the Japanese, Honda. The idea is to ignite a small strength mixture, a separate combustion which is then led to a chamber which has weaker mixture. This mixture both reduces fuel and cuts down on the of unburnt gas.

The other alternative has come back into the external combustion a device which incorporates a choice of fuel, and is much more efficient because of the constancy of combustion. The engine, a device which air as the motive fuel, invented by Dr. Robert in the early 19th century, also came back into great deal of work is based on this engine by P.H. Dutch electrical comp

Favour

The twin problems of emission control and were behind the fall of the Wankel engine, the most interesting of all over the decade. Whether or Wankel will make a comeback is open to doubt, although it seems to be favour as a motor-cycle. Toyota Kogyo, the maker of Mazda cars, which heavily by the Wankel, has claimed con improvements, and resuming shipping vehicles to the U.S.

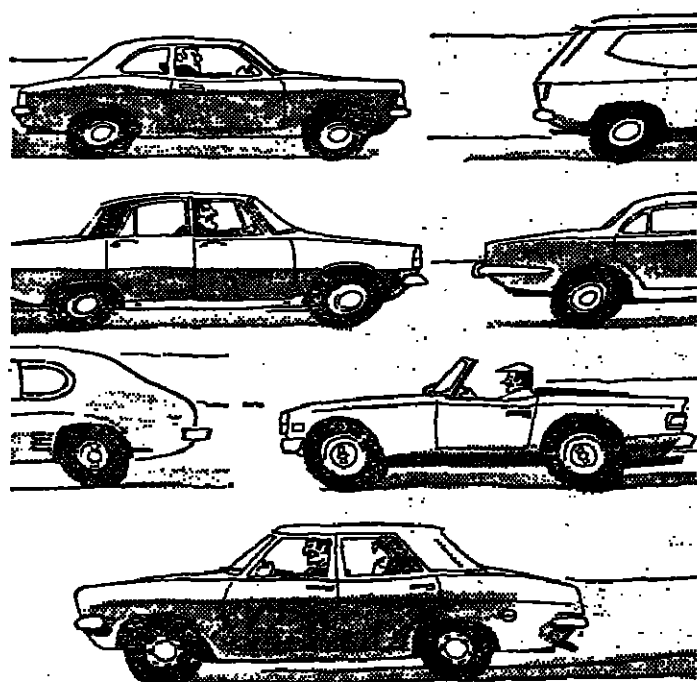
If the improvement genuine and lasting, revive interest from U.S. manufacturers, now notably cool toward from General Motors, the immediate future priorities in engine ment will not be in the of greater power per towards which the Wankel leading. In the future the main development must improvements on emission economy.

Terry Dod



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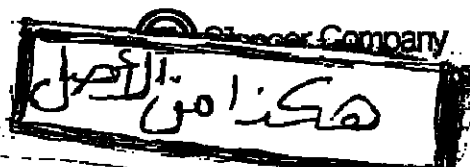
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Making the car safer

WHILE IT is true that nobody would be it Government motor manufacturer or most of all, potential victim—can afford to show lack of concern with road safety, it is also the case that the oil crisis undoubtedly took some of the steam out of the impetus both towards safety legislation and towards spontaneous moves by manufacturers to evolve experimental safety vehicles as a basis for future production cars.

On the one hand, the soaring price of petrol and the resultant reduction in the volume of traffic served to reverse the previously seemingly relentless increase in the number of road deaths, which had always been the main ammunition of the road safety lobby. On the other it appeared to the manufacturers that in the wake of the acceleration of motoring costs, there would undoubtedly be customer resistance to paying large extra sums for safety features in their cars which were still in legal terms only optional.

Nevertheless, a good deal of the work which was carried out before 1974 has found its way into new cars over the last 18 months, to the permanent benefit of the public safety. Reinforced passenger compartments, progressively deforming bodies, inertia-reel belts and safety bumpers have become common features on this year's crop of cars; some of which, such as the Volvo 264,

bear a very marked resemblance to the experimental safety vehicles from which they were derived.

But the economic implications of the energy crisis and its impact on the manufacturers' major markets has inevitably highlighted once more the inescapable fact that marginal improvements in the interests of life preservation have to be bought at the expense of a degree of commercial viability. Whereas, in previous years, there has been a tendency for most major vehicle manufacturers to run ahead of legislation on safety, they are now tending once more to look at current and proposed laws as constraints within which they must work.

Legislation

As for safety legislation itself, it would be a mistake to think that the Government is doing nothing. This summer's spate of serious, and well publicised, coach accidents has prompted the new Minister of Transport, Dr. John Gilbert, to instigate an urgent inquiry into safety standards of buses and coaches. Although no date has been set for its results, the inquiry will undoubtedly look closely at maintenance provisions and standards of driver competence, while Government officials are also sure to

examine the merits of such technical possibilities as strengthening coach frames, providing roll-over bars and even having compulsory seat belts for passengers.

Meanwhile there has also been recent legislation enforcing the use of car lights in conditions of poor daytime visibility, and when British Summer Time ends it will also become compulsory to use dipped headlights, rather than sidelights, at night whether in a built-up area or not.

The contentious issue of the compulsory wearing of seat belts did not become law during the last parliamentary session because it could not be fitted into the calendar, but it is hoped that it will pass onto the statute books in the current session. In addition, although the new Department of Environment type approval standards—due to come into force on all cars and three-wheelers manufactured after October 1, 1976 and all cars licensed after April 1, 1977—do not materially affect safety standards, they will make it more easy for the Government to control its construction and use regulations. Accident victims can be naturally divided into two categories, those inside the vehicle and those outside it. The main thrust of experimental vehicle research has been towards protecting the occupants

CONTINUED ON NEXT PAGE

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Environmental worries

couple of years ago the motor industry looked on being routed by a horde of ecologists as a wicked fouling up the atmosphere (in all the world) the world's mad. The first fine his campaign appears have abated, and the motor manufacturer no less harassed.

blems now spring from the oil crisis took the m out of the anti-drive in two main areas, the vast majority systems developed so a significantly higher petrol consumption became unacceptable prices rocketed; and because the adaptation is a costly business, a depressed market for vehicles, neither the public nor the manufacturer.

merica, for example, some of the tightest legislation in the exhaust emission control equipment needed it about have increased assumptions to levels conceivable in Europe where, that is, to be line and 11 miles a

mospheric pollution is only kind which worries ecologists. Noise and road construction are to be taken into the overall cost analysis. In purely electric terms, the contribution of the motor car to world levels is far less than either nature itself or rms of activity, most heavy industry. Never there can be no "two make a right" argument favour of allowing the pollution to spread, while global emphasis ignores the most problem of the urbanisation of pollution.

tochemical

ons such as the level of the atmosphere around a junction in Birmingham the pall of photo-smog hanging over Los cause, quite rightly, the concern and about tion has to be taken, as the great motorist society was, per- t surprisingly, the first in which pockets of eric pollution from ars reached unbearable although Japan seems have overtaken it of America's problem from the fact that, much-heralded attempts major manufacturers to "so-called" compact he average American ile is still nearly twice ght and three times the capacity of its European nese counterpart. Adapt-

ing European cars to tough regulations such as those laid down in the State of California can currently add between 5 per cent. and 10 per cent. to their cost, so it is not surprising that there has been customer resistance elsewhere to the introduction of expensive sub-systems for the control of such items as evaporative loss, recirculation of exhaust gases and catalytic conversion.

A completely different approach to the problem of traffic pollution has been the increased interest over the last couple of years in gas turbine, steam, and most important of all, electric vehicles, although the primary concern has been fuel saving. However, all of them still await the technological breakthrough that will make them commercially viable while their impact on the environmental equation is often overstated.

Electric

There has, in particular, been an upsurge of activity in the electric vehicle field both in the U.K. and abroad. In Germany the GES consortium is running two complete electric bus services in Mönchengladbach and Düsseldorf, but even this perhaps most efficient application so far of battery traction under full and strenuous working conditions is still, in cost and operational terms, well behind its petrol or diesel counterparts. In pollution terms the saving attached to having a few electric vehicles is negligible and there are no noticeable advantages unless space is extremely restricted, which is why electric fork-lift trucks are used in factories.

In the U.K., Lucas and Chloride have introduced service stage buses in Manchester, the National Bus Company is preparing a bus for trials and the Electricity Council is giving 61 electric cars extensive tests around the country. Individually, in terms of noise and atmospheric pollution, they all have something to offer, but their contributions are swamped by the internal combustion engines which still dominate our roads.

Although the energy crisis, for the reasons already mentioned, has inevitably slowed down the drive towards legislation in the U.K. and elsewhere, that is not to say that it has brought it to a halt. Of the five types of pollutants associated with motor vehicles, carbon monoxide, hydrocarbons, oxides of nitrogen, lead and smoke, lead is far and away the most controversial at the moment.

There are two ways of reducing the lead emissions from vehicles: by reducing the amount of lead compounds in the petrol itself and by trapping the lead emitted from the engine in the vehicle exhaust system. In 1972 the Secretary for the Environment set out an agreed programme for the reduction in the maximum level

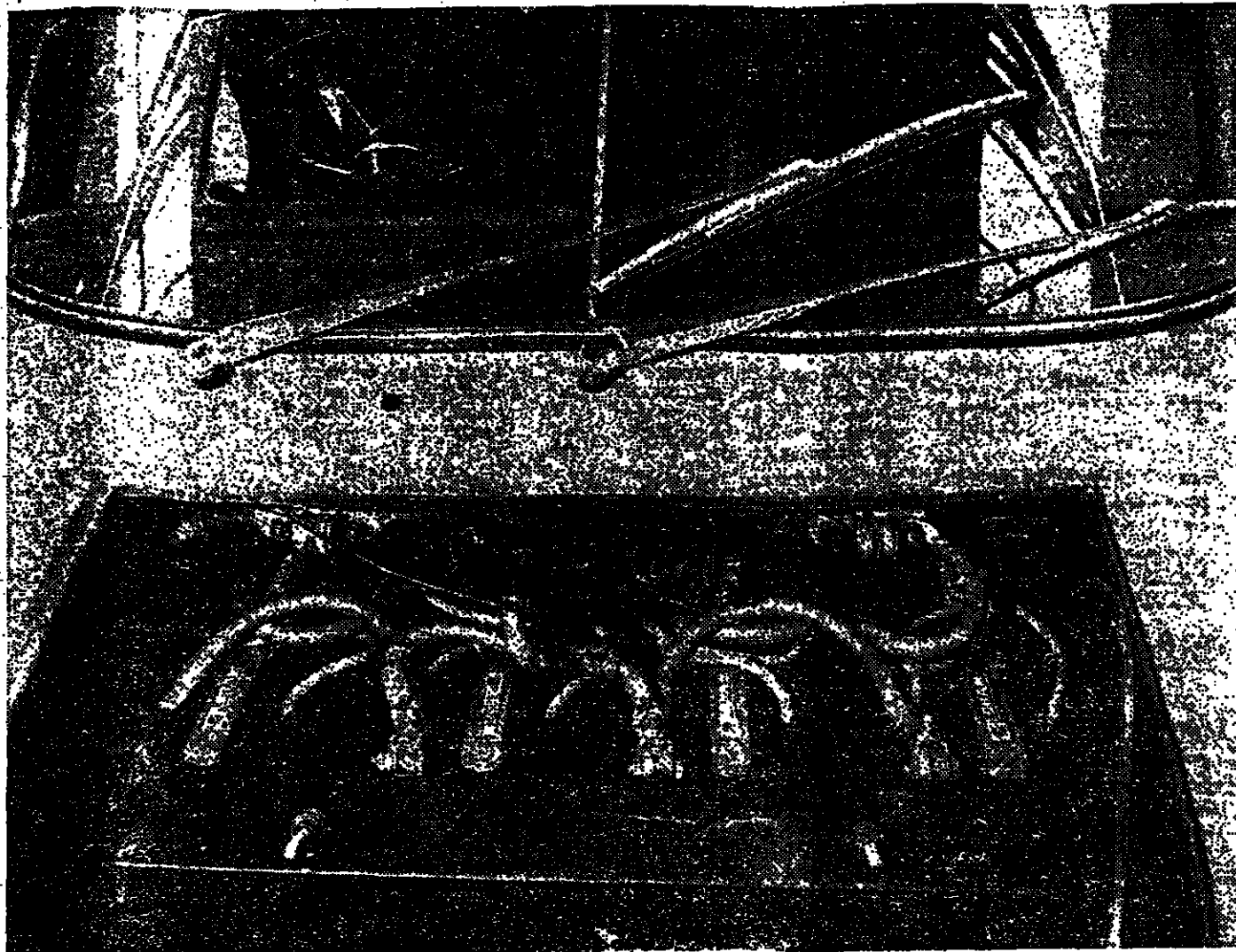
of lead in fuel to 0.45 grams per litre by the end of 1975. However, the fuel crisis and the need, on balance of payments grounds, to reduce crude oil imports has led to the slowing of this programme. Towards the end of last year, the Environment Secretary raised maximum proposed lead levels to 0.55 grams per litre along with a complete review of the economic and environmental effects of reducing the maximum level still further.

The Transport and Road Research Laboratory is now carrying out extensive studies on the effects of pollutants on road users and the local environment. Aspects which are being particularly closely examined are: the effect on drivers' efficiency; the nuisance which is caused to road users, and the effect on "roadside eco-systems." Another, and perhaps more important, cause of concern is that pollutants on or near a road may constitute a hazard to health after long-term exposure if they are present in sufficient concentrations. This has become of particular interest since dangerously high levels of lead have been found

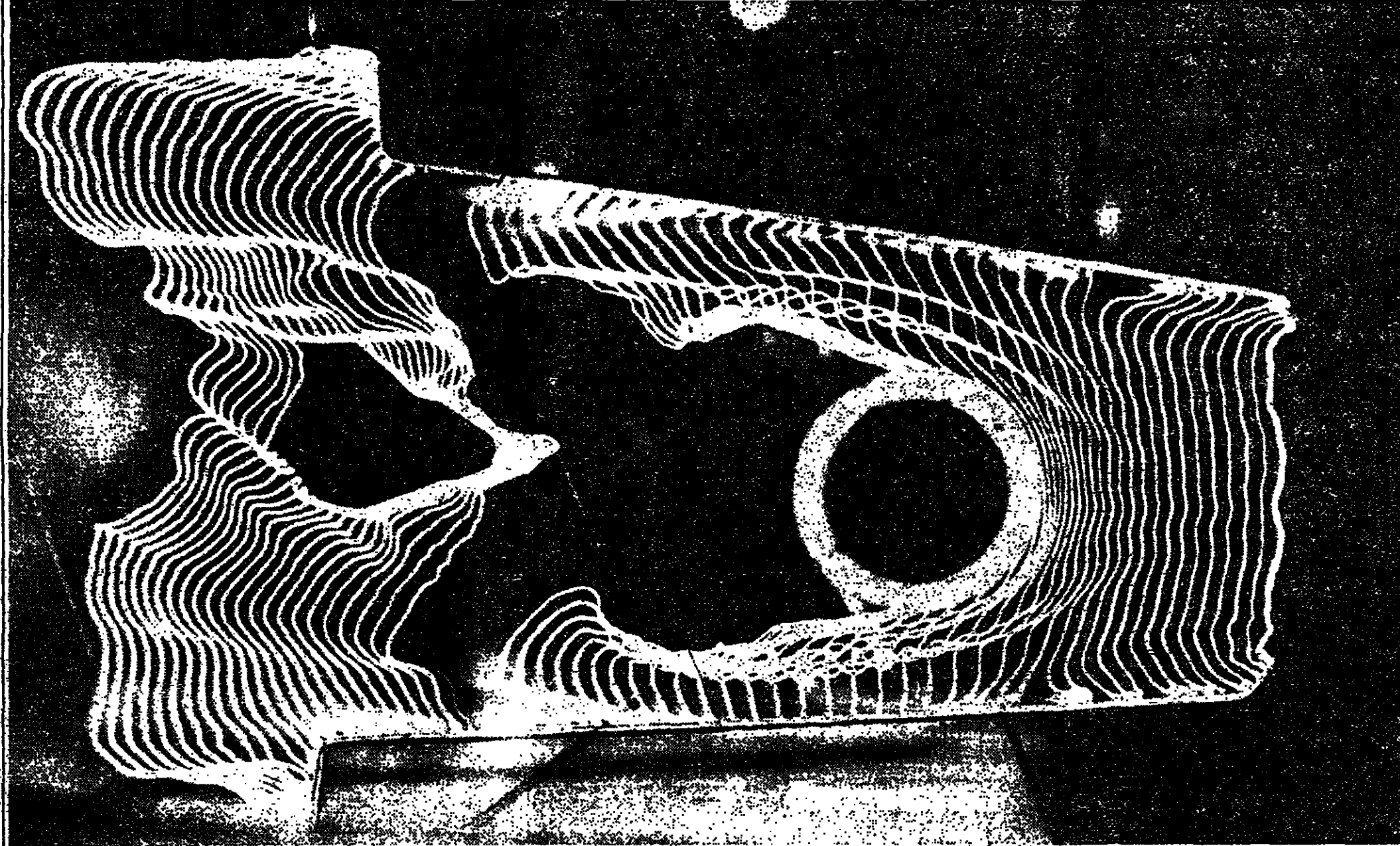
in the blood of people living near spots of motorway and urban congestion.

No less serious than atmospheric pollution is the environmental problem of traffic noise. A recent survey of the population of England revealed that about two people out of every 10 are bothered by traffic noise when they are at home, and for one of these two the problem is serious. The TRRL is now hoping to produce techniques which will help to improve the situation. They intend giving planners the tools of calculation which will help them to appreciate the effect that traffic proposals will have on the noise environment. The laboratory hopes that these tools, when included in planners' cost-benefit analysis calculation, will help him to make an "informed choice" between loss in environmental quality and the gain in transport facility. Sophisticated logging and measurement techniques are now being developed by the TRRL which should lead to major steps forward in the realistic and quantitative appraisal of noise nuisance.

Peter Foster



The Enfield 8000 electric car.



Study of gas flow in cylinder to seek most efficient shape for combustion chamber.

safety

CONTINUED FROM PREVIOUS PAGE

car in collision with a vehicle or a solid object. The first in the field was the Dunlop Denovo, which has an automatic resealing process in the event of a puncture. This means that the car can be safely driven to a garage. There have also been developments in safety wheels, for example by Avon, which keep the tyre from slipping off the rim in the event of a puncture, once again helping the driver to keep control. Again power-braking has been a major step forward in improving control in wet weather conditions.

Although most motor manufacturers have cut down on their safety research expenditure over the last couple of years, research goes on. A great deal of data has been collected over the years, and in some countries this has been going on since the beginning of the century. Meanwhile, the manufacturers themselves, aided by such organisations as the Transport and Road Research Laboratory in the U.K., have instigated many sophisticated accident testing techniques, featuring simulators, high speed camera techniques and the use of lifelike, and very expensive dummies.

For the future, or at least the next few years, when new car sales are likely to remain depressed, emphasis is likely to continue to be less on the survival of car passengers and more on the survival of the cars, and the manufacturers themselves, although the steps which have been taken in experimental vehicle design will prove of permanent benefit.

Peter Foster

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THE MOTOR INDUSTRY VIII

Changing attitudes to sports cars

SPORTS CARS may be a little hard to define but, like the proverbial elephant, you certainly know one when you see one. They have traditionally been the ultimate in mechanical symbolism, embodying masculinity, freedom and sexiness; leaving rubber all over the road and cocking a snook at petrol consumption as their owners revel in their lack of comfort and the muscle power needed to control them. That, at least, was the traditional picture.

But things were changing for some years before the petrol crisis and ensuing legislation on speed limits made top speeds academic (at least theoretically), while the "save it" mentality cast a look of moral disapproval at displays of blistering acceleration.

Limited

It is probably true to say that the two-seater open sports car reached the limits of its potential some years ago, and the main thrust of development turned to sports coupés and to "sipping-up" of conventional saloon models. Perhaps the major factor in the new trend of sports car development was legislation in the major sports threatened to do away with the open-top car completely. This threat seems now to have

passed, mainly due to the fact that the major U.S. manufacturers pulled out of convertible production, but although drop-head sports cars continue there has been little development in the field for a number of years.

The U.S. forms by far the biggest market for the majority of sports car manufacturers in Britain, Japan and the rest of Europe. British Leyland, for example, will sell around 60,000 sports models in the U.S. this year and is looking for another powerful performance in 1978.

The U.K. manufacturers can be divided between British Leyland and the specialists. None of the other major British manufacturers has built a sports model for many years, although there have been a number of developments in the sports coupé fields with cars like the Vauxhall Firenza and Ford's Escort RS 1800. The reason is quite simply that the potential markets would not justify the capital expenditure involved.

As for the specialists, they have been going through a rough time, with Aston Martin having to be rescued by two North American businessmen and Jensen forced to call in the receiver. Others however, such as Bristol and Lotus seem to be soldiering on, with the latter even beginning to sound relatively optimistic about the future. At the less smooth and threat seems now to have

Variations

Beneath the XJS there are still five other British Leyland sports cars sold in this country: the Triumph Stag, the MGB—in its drop head, GT and V8 forms—the MG Midget, the Triumph TR6 and the Spitfire. It is anticipated that the new TR7, which has already been introduced in the United States, will, in a variety of forms, take over from the others, although, as long as there remains a market in the U.S., Leyland will go on producing them. It is believed that the TR7 will be used as a base car for a number of new variations, including a spyder version and a fastback GT, and that it will also eventually be available with a V8 engine.

The reasons given by the Californian owner of Jensen, Mr. Kjell Qvale for calling the receiver recently sum up the difficulties of all the specialist sports car manufacturers in the U.K. The U.K.'s inflation rate, emission controls and the oil crisis, he points out, have combined to create a situation in which economic survival has

become practically impossible. Mr. Qvale's claim that lack of co-operation from his workforce was also a factor seems a more controversial one, especially since they agreed to large manpower cuts in order to keep the operation going. As for Aston Martin, although it has been officially "rescued" whether and if so how soon it will run into the same sort of problems again remains an open question.

One manufacturer who, amid the gloom, seems to be putting more than a brave face on things is Lotus, whose leap up the market with its Elite, introduced just as the oil crisis broke, seems to have been a

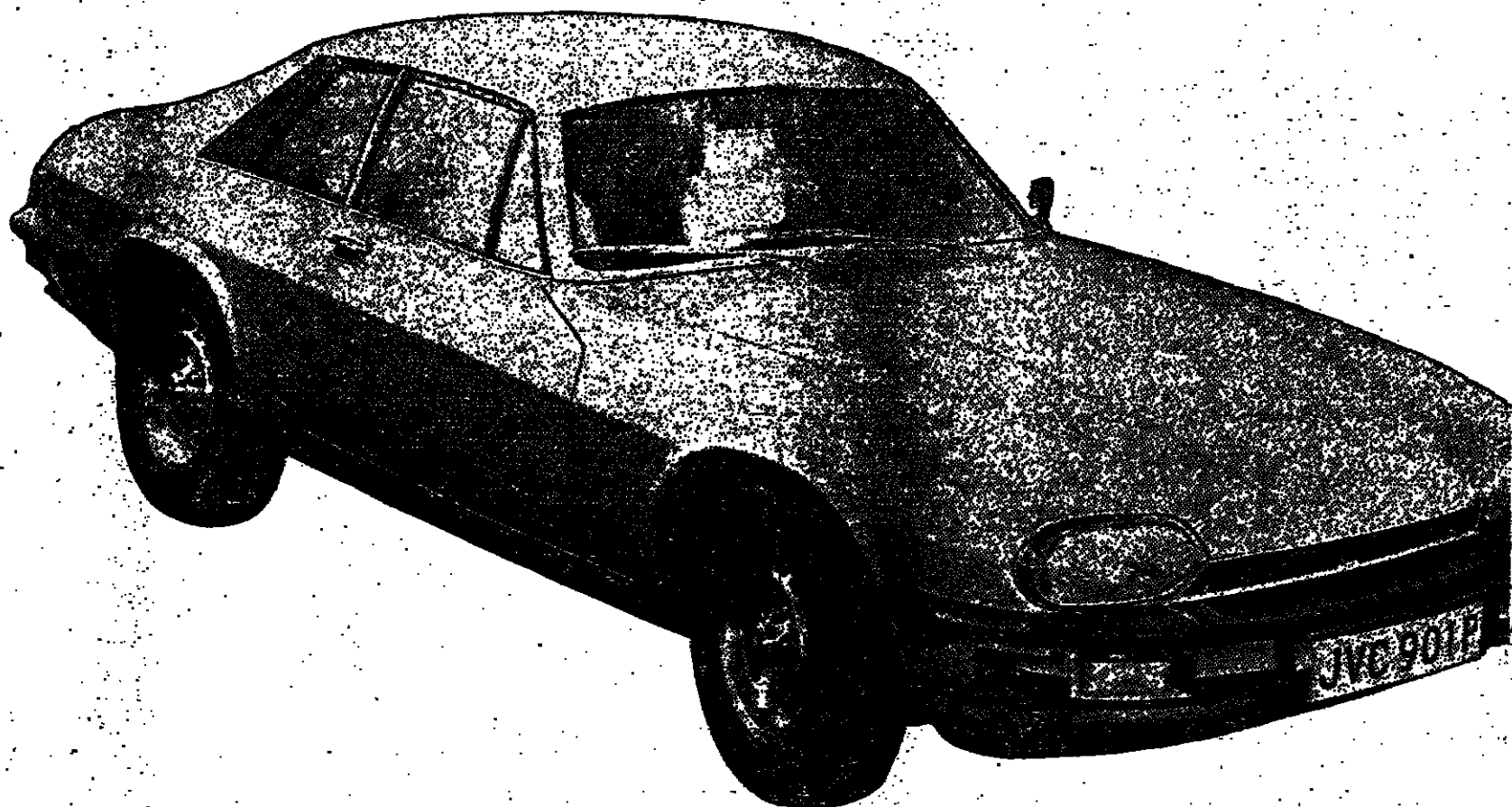
success despite all the odds. Indeed, the company is to introduce both an automatic and a two plus two version of the Elite at the London Motor Show as well as the brand new Esprit mid-engined two-seater sports car, which combines 140 mph top speed with a touring fuel consumption of more than 25 mpg.

Lotus believes that a good deal of its success is attached to the fuel economy of its cars, and it is true that anyone driving 25,000 miles a year can save around £1,000 on fuel costs alone by driving an Elite rather than one of its big specialist sports car rivals, whether U.K.

or European produced. Lotus is now selling around 50 Elites in the U.K. and a slightly larger number in the U.S., and the company has an eye on potential sales to the Middle East. Another manufacturer, which has done very well out of the U.S. market is TVR, whose solid virtues fall into the great tradition of British sports cars, combining high performance and it would not be surprising if several more famous British names bite the dust in the coming 12 months.

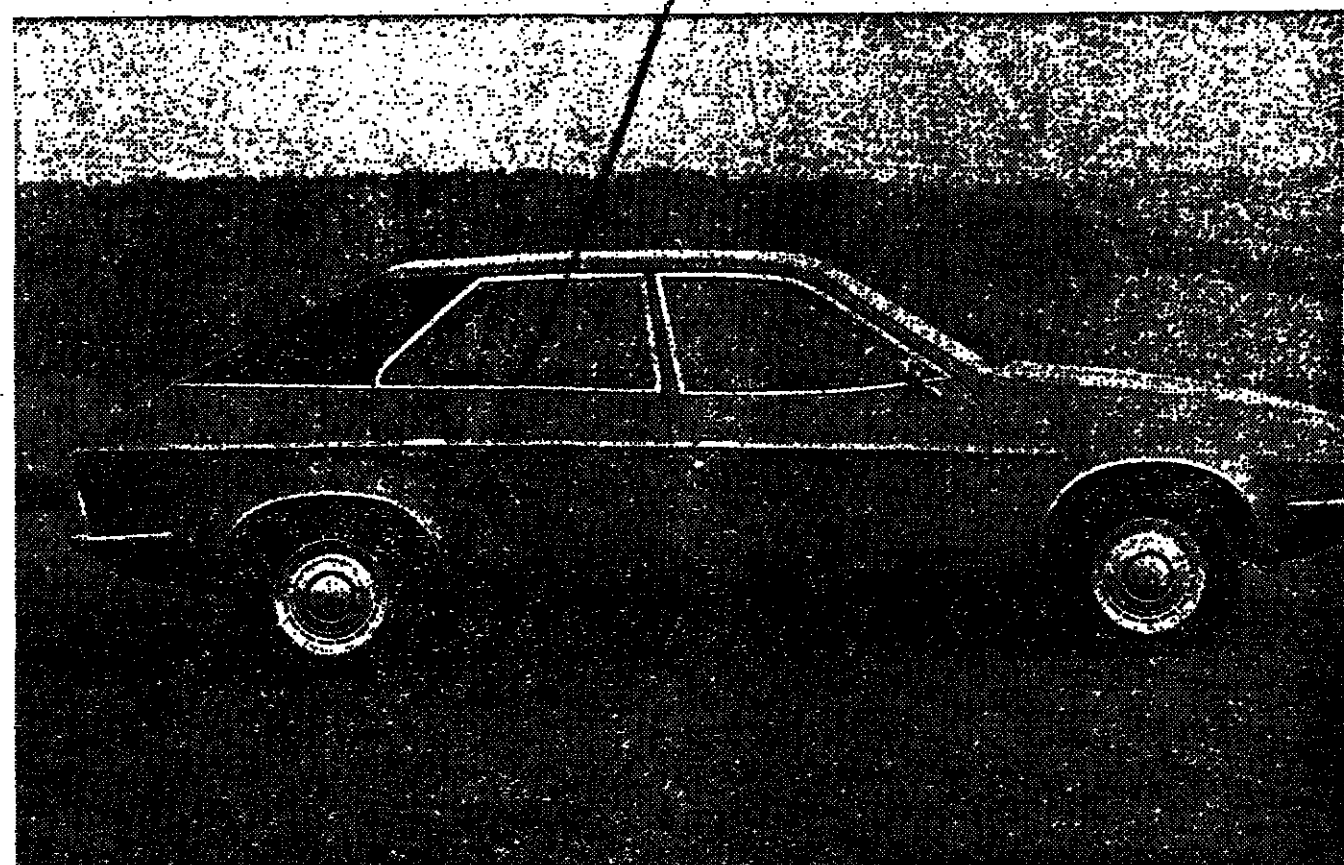
On the Continent the trend towards the sports coupé rather than the outright sports car can be clearly seen in the more recent models introduced by Fiat, Renault, Lancia and Alfa

Peter



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THERE HAS been a market for the so-called "specialist" car since the birth of the industry 80 years ago. Since the last war, however, and particularly since the launch of the Rover 2000 only 15 years ago, the market has been a success in the U.K. The U.K.'s inflation rate, emission controls and the oil crisis, he points out, have combined to create a situation in which economic survival has

become increasingly resistant to such vehicles. Another is price, as even small cars lurch up as fast as a faster rate than in comes. Yet another difficulty could be caused by the growing European production capacity for this class of car—which could lead to over-capacity combined with improving overseas competition, particularly from Japan.

On size, the argument is by no means over as yet. It is notable that in both Germany and France this year large cars

have staged a come-back from the depression of last year: indeed, alongside the small family car category, the large car sector has been the only one that has grown. Of course, cars like the Opel Commodore and the Ford Granada are characterised as much by their generously sized engines as their interior space, and the key to the future, when further turns of the oil screw have occurred, may be to put in smaller engine units, or at least engines that favour economy rather than performance.

Already Ford has responded by putting its 2-litre engine into the Granada (as against the 2.5 and 3.0 litre), and Jaguar has brought back the 3.4 litre unit after going up to 4.2 and 5.4 litres only.

An alternative is to offer more modestly sized vehicles. This development is well under way already, as some of the large European manufacturers have built up parallel "prestige" model ranges alongside their volume cars. BL, for example, has used the Triumph marque in this way with the development of the 1500/1600/Dolomite range and, equally, the Volkswagen group has two equally parallel ranges now in its VW proper and Audi ranges: the Audi 80, with its 1.5 litre engine, is echoed in the VW Passat, and the Audi 50 is exactly the same size and shape as the Polo, though with superior trim.

they have also been given a distinctive body style, and although considerable commensuration of components is planned, the organisations will be run separately.

In all three companies—Triumph, VW, and Lancia—the prestige marques have utilised front-wheel drive, a more expensive system to conquer than the rear wheel drive it replaces, and also one which carries a considerable engineering cache to-day.

These smaller specialist vehicles have built up a considerable market in Europe. Indeed, the small 1602/2002 BMW range, with its aggressive, sporty image, has produced one of the strongest car companies in Germany, and the Triumph range, aimed somewhat further down the market, has had steady sales. The question now, however, is whether there is a big enough market waiting outside the new factories which are coming on stream to push out an increasing number of prestige models.

The last 12 months alone have seen a considerable increase in the stock of models in the specialist category. There has been the new Volvo 264, plus the new Renault 30 and Peugeot 604, both powered by the same V6 2.7 litre engine as the Volvo. Then BMW has added a number of variants to its "3" Series, and brought in the "3" Series, while planning to increase production by about 20,000 cars; in the Beta, first of the three, Lancia has added variants to the

Beta range, and is planning further models.

Within a few months, also, Rover will be bringing out its new model, with a capacity of some 50,000 a year more than its previous range, while in the longer term Audi aims to replace its 100 model, and Volvo is planning to use its DAF plant for a new family-sized vehicle.

All the same, these manufacturers must, for a few years at least, and the going extremely competitive: in France alone, for example, there are now, suddenly, two new vehicles facing up in the executive sector 1976 or early 1977. The various of the market where formerly

models will also be aimed at the Citroën "D" Series, widely differing customers, supreme. Hence it is conceivable that the structure for these kind of vehicle will change.

At the moment, many find it extremely difficult to make profits out of small cars, while the pressure of demand for the smaller family car may lead to a convergence of prices between vehicles bottom and top ends range.

Terry Dods

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Enthusiast

If the pundits are correct, these cars will be selling into a rising market again by mid-1976 or early 1977. The various of the market where formerly

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هكنا من الاصل

Teaching revolution in the classroom

IS a certain kind of even national politics in terms of schools, which even the most ardent of socialists must have at least one of the qualities of a good teacher. The question of how to do it is not a simple one. It is not a simple one to answer this as many might think. Consider: a boy with a lot of talent, a point I won't touch, but a boy who is not ordinary, nothing is just ordinary. A chance in this world as you're clever, I'm not.

Words by a 13-year-old, the first in a book of effusions, entitled "Words". The teacher, partly responsible for the slim volume, is Searle, became the first in a book of effusions, entitled "Words". The teacher, partly responsible for the slim volume, is Searle, became the first in a book of effusions, entitled "Words".

books, which included the Tower Hotel, was the closure of Poplar Hospital. A 12-year-old wrote: "81 beds going to waste—That is not enough in this place. To the government that's their way. To let the people die on the street. And on a windy day. But if they are ill. They have their private wards so that they get well. They must stay. Let them die in Poplar, we are okay. In our private wards, living like lords. Every day."

Is this reasonable in a liberal society? Again the answer must be, yes, as long as most professional teachers will encourage discussion of both (or all) sides of such questions.

Later, the class read Huw Beynon's *Working for Ford* (Penguin, 1973). "The boys were particularly interested in the methods adopted by the workers to resist the speeding up of production, and the nature and causes of industrial accidents and fatigue," comments Mr. Searle.

What does the liberal democracy say at this stage? Again the answer is not clear. Many of the individual pieces in *Classrooms of Resistance*, taken alone, should not be suppressed or used as a cause for preventing Mr. Searle from teaching in any society with pretensions to be free.

Forbidden. This means that right party political teaching, with a plea to support Conservatives, not "political" but simply an energetic headmaster, determined to stand up for his staff. This is as it should be in a good school.

Difficult

I warned at the beginning that it is difficult to determine where the bounds of tolerance lie. If one put the worst interpretation on the case history of *Classrooms of Resistance*, a strong liberal society might best shrug its shoulders at the tenets of, say, Trotsky, or Mao, or Lenin (or for that matter Adolf Hitler) to infiltrate their point of view into the minds of their pupils without crossing any of the boundaries of "indoctrination". I do not know what Mr. Searle is saying in his classroom these days, and it could be that by any standard his reported willingness to compromise with his fellow-teachers—something alluded to by his headmaster—has brought him sharply back from the line of country to be found in his latest anthology and towards something that liberals would be obliged to swallow even if they did not like it. (One of his present projects is unearthing the facts about the 1926 general strike.)

Energetic

Mr. P. L. T. Andrews, the headmaster who is so well-satisfied with Mr. Searle's present work, declines to say whether or not he himself is in sympathy with Rank and File; this is his about defending it.

If the present danger to democracy in Britain is not to become overwhelming, we must first make up our minds about where this line is to be drawn, and then cast aside inhibitions about defending it.

September published, including import and export unit value and volume index and terms of trade.

COMPANY RESULTS

Rural Pulp and Paper (half-year).

Gerrard and National Discount (half-year).

Rockware Group (half-year).

UDS Group (half-year).

COMPANY MEETINGS

Barker and Dobson, Great Eastern Hotel, E.C. 1, 11.30.

Brayshaw, Wembley, Sutton Coldfield, 12.

Crossfries Trust, 8, Crosby Square, E.C. 12.

EXHIBITIONS

International Electronic and Production Equipment exhibition opens, Metropole Centre, Brighton.

Children's and Teenage Fashion Fair continues, Horticultural Halls, S.W.1.

Modern Homes Exhibition continues, Kelvin Hall, Glasgow.

SPORT

Boxing: British light-heavyweight championship, Johnny Frankham v Chris Flanagan, Royal Albert Hall.



Alan Gibby

ported

He was given support National Union of the Inner London Authority, his own and many others. After he was re-instated in job. This was surely the school authorities not have dismissed him from publishing his writings, even if the on did reflect a dis view of life in all, life in Stepping can. An English master, able to encourage class-ic discussions of local or-

More pay

We pass over a few industrial strikes, with endings often happy and more pay in the workers' pockets, to near the end of the book, where four 12-year-old boys present a "Workers' Play" which, in Mr. Searle's view, "began in the stark realism of factory boredom, but ended, through imaginative escapism, in a television world of cops and robbers." Here is the ending:

"As the coper of the Fuzz arrives, Harry pulls out a tommy gun. Harry blows a cop off his bike. While the cops were shooting, a stray bullet hit the petrol tank and it exploded. Between the first local-grievance passages and this

travel by rail, bus, airplane, taxi, airship, hovercraft (and probably balloon, if pushed). Thus Mr. Searle has placed himself in an altogether circular argument, which can only be resolved by a Government decision that nobody in business should be travelling anywhere, coup no doubt for the Post Office's Videophone, if nobody else.

The hoary old chestnut of vast accident costs being borne by the community just cannot stand up to close investigation. In practice, most accident costs are carried by users through vehicle insurance payments. The last official Road Traffic Report gave a figure for accident costs over and above this of £18m. in 1970-71. Current estimates would raise this to £30m. or 1 per cent. of road use.

Of course, road casualty figures are tragically high; no one would seek to deny this. As Mr. Searle doubtless is aware, however, casualty rates per vehicle miles on motorways are around one-third of those on ordinary roads—a statistic on which our anti-motorways (right) may ponder.

Mr. Searle Warren, 26, Manchester Square, W.1.

Not clear

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Letters to the Editor

clear fusion Europe

Professor Sir Alan

understand that the Parliament has in the days been told of a pro- in EEC research funds. Unfortunately, this comes very moment when the European co-operation development of controlled energy power, based on Joint European (JET) project is ready a decision.

If this project were to be in the long term, fusion offers the hope, possibly even the for meeting the energy of the world gener- Although many difficult problems have still to be solved, the fundamental barrier to the generation of elec- from controlled thermo- fusion. This form of power will have advantages: its fuel is virtually limitless; it is safe and it is safe far less radioactive than fission power. The project is absolutely the logical step to take of the "tokamak" prin- which it is based. It is a very real possibility for reaching the 4th stage of the development of a reactor, and the ex- which the Bureau has built up in this field. Finally, fusion, our own, is not only a source of confidence in the technical- and timeliness of the the future of Europe, this, in its long term, supplies vital energy to Europe means that countries can set coherently, even jointly what is beyond separately. The develop- of nuclear fusion is a use and opportunity of its kind for this kind of European rather than of any individual EEC. The USSR and the also of continental scale, ing ahead with their own programmes, and it is tely right for Europe to place alongside them in eat attempt to ensure that ord will have abundant-afe energy in the 21st y.

Cottrell, Master's Lodge, College, Cambridge.

also directly from the contribu- that the employee can make towards successful development of the product or project. There is a world of difference between the production of prototype versions and the subsequent large-scale manufacturing programme, and the engineer's detailed knowledge of the subject is often invaluable in bringing the product to the market as quickly as possible.

Certainly it is a policy adopted wherever practicable by my company. I can instance a number of examples of project engineers who have moved with the product and established themselves successfully as part of the management team.

Michael Clark, The Plessey Company, Ilford, Essex.

Spending out of hand

From The Director, Heating and Ventilating Contractors' Association.

Sir—Your thoughtful article October 8 on the problem of cutting public expenditure, was most timely.

It should not be forgotten, however, that cuts are being made and some public authorities are apparently so short of money that they are finding it difficult to pay their bills. Contractors certainly are meeting problems of delayed payment. These sort of issues highlight the problem of where the cuts should be made. Clearly public authorities have to honour existing commitments and it is to be hoped that any present cash flow problems will only be temporary. But in the matter of further cuts, a real distinction needs to be made between public current expenditure and public capital expenditure. Public capital expenditure has rarely been of the candy floss variety. Not only have the trimmings been eliminated but serious cuts have been applied to vital and sensitive areas. Nor should it be forgotten that certain types of public expenditure are essential to provide the infrastructure for private capital expenditure.

The real need, therefore, is for cuts in extravagant and wasteful public current expenditure. And, as you advocate, an increase in job-creating wealth-producing investment in both the public and the private sectors.

G. F. Cutting, Coastal Chambers, 172, Buckingham Palace Road, S.W.1.

Road user taxes

From The Secretary, Movement for London.

Sir—I fear that Mr. G. J. A. Stern's article (October 9) considerably underestimates the capacity of Government departments to know who pays what road user taxes, and how.

Broadly speaking, there are two forms of tax levied on the road user. The most recent of these is VAT charged on fuel and vehicles, which is reclaimable by legitimate business users. Those figures, however, contrary to Mr. Stern's belief, are not included in the total road user taxation bill of approaching £30m. per annum. The only VAT included is the net figure, for example, private expenditure on motor vehicles.

The second section of motor taxation incorporates car and fuel tax, and licence duty, which Mr. Stern points out, can be offset against corporation tax by businesses as permitted travel expenditure. But then so can

14p per week per head

From The U.K. Representative, UNICEF Greeting Card Operation.

Sir—How refreshing to read your correspondent's spirited defence (October 9) of Concorde expenditure. His method of calculation also has the virtue that it demonstrates how cheaply we could if we wished, provide help and care for the sick, disabled and undernourished, eliminate blindness due to cataracts, A deficiency of 10 million of lives.

Only 14 new pence per British head per week during one year (much less, you will agree, than the 13 years involved for Concorde), would nearly double the funds made available to the "children of the world" of the United Nations' Children's Fund.

John L. Clerkin, UNICEF Greeting Card Operation, 14, Stratford Place, W.1.

Nuclear health hazards

From The Chief Medical Officer, U.K. Atomic Energy Authority.

Sir—Mr. K. O'Neill (October 4) is setting nuclear and non-nuclear health hazards seriously out of perspective when he draws a parallel between the risks of cigarette smoking and contact with vinyl chloride monomer and the risks to which workers on nuclear power stations and other nuclear plants in the U.K. may be exposed. It is irrefutable that deaths from lung cancer are very much greater among heavy cigarette smokers in relation to their total numbers, than among non-smokers; and much the same applies to liver cancer and lengthy exposure to vinyl chloride monomer. By contrast, the risks to which workers in the nuclear industry from any cause that might conceivably be attributable to radiation are no higher than in the population at large. On a further point of fact, we know of no case of any worker in the U.K. nuclear industry even having suffered from radiation sickness.

S. M. B. Hill, Building 10, Harwell, Oxfordshire.

To-day's Events

GENERAL

EEC Agriculture Ministers end two-day meeting, Luxembourg.

Governor George Wallace of Alabama holds talks with Mrs. Margaret Thatcher, Opposition leader, London.

Mrs. Thatcher speaks at Society of Motor Manufacturers and Traders dinner, Grosvenor House, W.1.

Sir Keith Joseph, "Shadow" cabinet member responsible for policy and research, speaks at Canada - United Kingdom Chamber of Commerce luncheon, Dorchester Hotel, W.1.

Mr. Harold Macmillan receives honorary Doctorate of Letters at Leeds University and opens its new library.

Joint study group of RSC executives and steel union leaders continue visit to Japan.

International Air Transport Association traffic conference continues discussion on future fare-levels, Nice.

Birmingham Chamber of Commerce trade mission continues tour of South Korea.

Nobel Prize for economics announced in Stockholm.

PARLIAMENTARY BUSINESS

House of Commons: Community Land Bill; remaining stages.

House of Lords: Employment Protection Bill, report stage.

OFFICIAL STATISTICS

Provisional U.K. trade figures for

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For people who grow wiser as they grow older.

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ADDRESS _____

Scottish Amicable Life Assurance Society, Head Office: 4, St. Vincent Place, Glasgow G1 2FP

SCOTTISH AMICABLE

orth Sea

Mr. F. Waddams.

Mr. Stern's reply (October 9) to my letter of North (September 23) includes a "statement" which is a distortion. Too much of it is a brief

Engineering management

From The Managing Director, The Plessey Co.

Sir—Mr. Hickling's comments (October 9) on the need to enable engineers responsible for new developments to grow commercially with their achievement has hit a very important nail right on the head.

Such a policy benefits both employee and company. The employee is offered greater job interest and wider career opportunities. The company benefits not only from reduced turnover of its employees—with consequent savings in replacement costs—but expenditure. But then so can

Lesney first half growth 'encouraging'

WITH TURNOVER up from £12.35m. to £16.07m. and profit, before tax, from £1.25m. to £1.6m., the first 24 weeks' trading out of the year for Lesney Products has been encouraging, says the chairman, Mr. P. M. Tapscott.

The relative weakness of sterling helped to maintain overseas sales, but U.K. inflation remains a continuing threat to profitable manufacture for world markets, he adds.

Mr. Tapscott reports that the second half has started satisfactorily and the directors anticipate being able to increase the annual dividend by the statutory maximum.

Excluding an exchange profit of £499,000 earnings per share for the 24 weeks are shown at 2.58p, against 1.89p, and the interim dividend is 0.34125p net, compared with 0.34p. The total for the year to January 31, 1975, was 0.77125p from pre-tax profits of £3.68m.—earnings 6.25p.

| 24 weeks | 1974 | 1973-74 |
|-------------------|--------|---------|
| Turnover | 12,350 | 15,070 |
| Profit | 1,250 | 1,600 |
| Depreciation | 507 | 538 |
| Debt interest | 31 | 31 |
| Other interest | 24 | 24 |
| Profit before tax | 1,602 | 1,693 |
| U.K. Tax | 250 | 267 |
| Overseas tax | 686 | 783 |
| Net profit | 726 | 633 |
| Exchange profit | 499 | 1,236 |
| Profit | 1,225 | 1,869 |
| Div. per share | 0.34 | 0.34 |
| Div. per share | 0.34 | 0.34 |

The company manufactures "Matchbox" toys and commercial castings.

comment

The toys and games sector has been enjoying its traditional early autumn period of relative stock market strength and Lesney's share price has been no exception—nearly doubling to 36p since mid-August. The interim statement is well up to external hopes, but a significant part of the 28 per cent. pre-tax profit advance is explained by the fall in value of sterling, and volume was only marginally ahead. The interest charge is much higher as the overdraft has risen by about £3m. since February, reflecting a build-up in stocks during slackier than usual summer trading. But, in line with reports from the rest of the business, demand has now picked up quite well. So a target of at least £4.5m. pre-tax, against £3.68m., seems feasible for the full year. While Lesney does have the advantage of selling in the lower price ranges, the obvious medium term economic uncertainties could hold the shares back for the time being.

Fidelity Life affairs

The affairs of Fidelity Life Assurance, which has taken no new business since January, had been of concern to the Department of Trade for some time, Counsel said in the High Court yesterday.

Mr. J. Chadwick, for the Secretary of State, told Mr. Justice

| Company | Page | Col. | Company | Page | Col. |
|--------------------|------|------|-----------------------|------|------|
| Allied Invest. | 29 | 3 | Kent (M. P.) | 26 | 4 |
| Bibby & Baron | 28 | 8 | Lesney Products | 26 | 1 |
| British Syphon | 26 | 3 | Magnet & Southern | 29 | 7 |
| Bryant Holdings | 27 | 1 | Malayalam Plant. | 28 | 6 |
| BSG International | 26 | 7 | Merchants Warehousing | 26 | 6 |
| Canors | 28 | 1 | Mole (M.) | 28 | 7 |
| Commercial Union | 28 | 7 | North (M. F.) | 26 | 5 |
| Davenport Knitwear | 29 | 2 | Sanderson Kayser | 26 | 2 |
| Dupont | 26 | 7 | Triton Intl. | 27 | 4 |
| Empress Services | 26 | 5 | United Glass | 28 | 4 |
| Fidelity Life | 26 | 1 | West of England Tst. | 27 | 3 |
| Gloxo | 29 | 1 | Williams Hudson | 29 | 1 |
| Glossop (W. & J.) | 27 | 4 | Wolverhampton Die | 27 | 3 |

Oliver that it became clear from accounts which came into the Department's hands in May that the company's solvency depended on the value of guarantees or indemnities given by its American parent, Fidelity Corporation.

The Trade Secretary is seeking to have Fidelity Life compulsorily wound up in the public interest on the ground that it has an insufficient solvency margin. The hearing was adjourned until today.

Sanderson Kayser downturn

FIRST-HALF pre-tax profits of the Sanderson Kayser steel and tool manufacturing group have fallen from £431,000 to £372,000—the figure for all 1974 was £516,565.

And the directors consider profits for the second half are unlikely to equal those of the first, although, as reported at the annual meeting, they still expect the full year's result will be better than the £570,101 achieved in the year 1973.

They explain that the current year started with good order books, and reasonable output was maintained for the first six months, but order intake in the period did not match deliveries and short-time working had to be introduced in many departments. After estimated tax of £103,440 (£224,120) the first half net profit fell down from £206,880 to £178,560.

The net interim dividend is again 1.22p per 25p share. Total for the previous year was 3.58p.

Also, the Board has declared a dividend of 2.1125p per 51 Preference share for the half-year to December 31, 1973, which with the tax credit of 1.1375p amounts to 3.25p (3.3835p) per share. The rate has been reduced below that paid on the previous occasion in the light of a High Court decision as to the true construction of Paragraph 18 of Schedule 23 to the Finance Act 1972. If such

decision were reversed as a result of retrospective legislation, it appears to be intended, or other wise, a further payment may fall to be made.

comment

Sanderson Kayser has been beset by both falling demand and declining margins in the current year so far. Output was boosted by an overspill of orders from 1974 but the pressure of rising material and production costs left profits at per cent. lower before tax after six months. So, with new work now becoming scarce and margins still being squeezed a substantial reduction in the pre-tax level is inevitable. The forecast that full year profits will top the £564,000 achieved in 1973, despite a lower second half, suggests an annual pre-tax level of around £580,000, about 25 per cent. down on the previous year. Considering the difficulties currently being experienced by steel and tool manufacturers that would not be a bad performance, and the group's financial position is still fairly sound; little can remain of the £200,000 liquid balance in the last accounts but Sanderson is still without any bank borrowings. At 46p the shares are yielding a prospective 13.4 per cent., which should be covered 1.4 times.

No interim by British Syphon

ON A TURNOVER marginally lower at £4.93m., first half pre-tax profit of British Syphon Industries contracted sharply from £406,514 to £5,572.

As anticipated, conditions proved extremely difficult, says the chairman, Mr. J. M. Anderson.

However, over the past few weeks the inflow of orders to the drinks dispense division increased and there are some indications of an upturn in other parts of the group.

While it is too early to judge whether this is only a temporary

respite rather than a genuine revival, there is now work on hand which should result in some improvement in the second half, the chairman adds.

In view of the situation the directors do not recommend an interim dividend, against 0.45p net per 20p share. The total for the year 1974 was 1.186p from profits of £522,305.

Half-year

1974 1973

Turnover

Trading profit

Less interest

Profit before tax

Taxation

Net profit

After depreciation, etc.

1974 1973

4,930,259 4,903,140

161,438 109,140

157,968 102,626

8,572 426,515

215,771 215,771

8,572 182,743

After depreciation, etc.

1974 1973

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Cantors ahead in first five months

GUIDED by the increased figures for the first five months of Cantors, retailers of furniture, carpets and bedding, the forecast for the current year of chairman Mr. Cyril Cantor would again be for an advance in trading profit.

But if the country succeeds in bringing inflation under control "it may well mean that trade generally will suffer in the short term, and thus adversely affect us," he points out.

In the long term, however, "it must be to everyone's advantage that inflation should be brought under control, and the sooner the better," Mr. Cantor tells members in his annual statement.

As known, the company is paying dividends of 1.813p net, against 1.689p from pre-tax profit over 1974-75 to 1973-74 in the 52 weeks ended April 26,

1975. A one for ten scrip in "A" shares is proposed.

After deducting £240,535, being the increase in the provision for unearned profit and collection costs, net profit from trading amounted to a record £462,372, more than double the previous year's figure.

The group also sold one of its two shops in Chester, and the net gain on this sale and certain small sales of other properties, amounted to £618,360.

An amount of £535,000 spent on the purchase of fixed assets, including the improvement of properties and fitting out seven new shops, was about the same as the amount received from the sale of properties.

The company has agreed to open eight other shops in the current year. In the year 1974-75 eight small shops were closed—

the ladies' fashion division has been closed down.

Capital expenditure, authorised total of £540,000 of which £200,000 was committed at the year end, Mr. Cantor anticipates that the balance of £340,000 will be spread over the current year and into the following two years.

Plastics plant output drive

MIDLAND INDUSTRIAL PLASTICS, Birmingham, is concentrating production at a new 100,000 square feet factory near the motorway complex at Gravelly Hill.

The factory will allow MIP to expand production of plastics sheeting and make for an increase in exports.

TAXABLE profit of United Glass, jointly owned by The Distillers Company and Owens Illinois Inc., declined from £3,633,000 to £1,646,000 in the 28 weeks to July 5, 1975, reflecting much higher interest charges of £578,000, against £121,000.

Chairman Mr. J. R. Cater finds it difficult to forecast the pattern of trade in the second half but says that, although some small improvement in demand is expected, profit for the full year "will be appreciably lower" than the £5.5m. achieved in 1974.

Sales for the half year advanced from £36,32m. to £41,24m, and trading profit totalled £3,32m. compared with £2,74m. The estimated tax charge was £330,000

(£1,35m.), leaving £286,000 net, against £1,17m.

Sales volume declined sharply and the higher revenue reflects the higher prices required to match escalating costs, says Mr. Cater. The reduction in demand, particularly for containers and closures, considerably eroded margins, and interest charges were very much higher because of increased borrowing to finance plant investment and inflationary growth in working capital.

RAINE DEAL COMPLETED

Shareholders of Raine Engineering Industries have approved the purchase of P. Hassall for £550,000, already announced—and the £77,587 in the previous year. The purchase has been completed.

No final dividend by Malayalam

AS FORESHADOWED in the May interim report, the directors of Malayalam Plantations are unable to recommend a final dividend for the year to March 31, 1975.

An interim of 0.25p net per 10p share has been paid. Total for 1974-75 was 0.819p.

The directors explain that, as stated in the report for the year ended March 31, 1974, results in India will be included in the sterling accounts at the time and to the extent of actual remittances and no profit remittances have been received since publication of last year's accounts. As soon as any worthwhile remittance is received they will make a further announcement.

Rs.3.78m. to Rs.9.53m. to which ports a pre-tax profit of Rs.1.51m. (Rs.1.51m.) after minorities, for the on-sales of rubber trees and surplus of 1974 on a turnover plus on assets disposal.

| U.K. results | 1974-75 | 1973-74 |
|--------------|---------|---------|
| Profit | 108,711 | 71,837 |
| Finance | 20,237 | 34,138 |
| Net profit | 128,948 | 105,975 |
| Dividend | 25,748 | 34,138 |
| Forward | 103,200 | 71,837 |

For the corresponding period of 1974-75 was incurred turnover of £811,827.

The directors point out that 1974 figures are not comparable due to the cessation and loss of the die-casting division in 1974.

For the year 1974 there was a loss of £24,661 before extraordinary items of £51,100, presenting costs arising from the closure of the die-casting division.

Commercial Union

Commercial Union Assurance announces that the extraordinary resolutions proposed at the meeting of holders of its £22.8m. 7 1/2 per cent. Unsecured Loan stock 1958-59 were duly passed by over 90 per cent of the votes cast.

Accordingly the stock will be repaid at £70 per cent plus accrued interest to October 27 next. The necessary documents to give effect to this have been despatched.

New licence for U.S. footwear fib

BIBBY and Baron (Holdings) Ltd. has concluded a new licensing agreement with Texon, of the manufacture and market a fibre material used for insoles and as a replacement leather.

Under the agreement Wild and Sons, the Bibby subsidiary, will continue to manufacture and market the range of products in the U.S. Distribution of the products will be handled by British Shoe Machinery.

M. Mole in profit

Manufacturers of hand tools, trailers and equipment for the TV industry, M. Mole and Son re-

footwear fib

Shops Machinery.

Gold Fields Group

SEPTEMBER QUARTERLIES

All companies mentioned are incorporated in the Republic of South Africa

DOORFONTEIN GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 9,525,000 shares of R1 each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 361,000 | 339,400 |
| Gold produced (kg.) | 3,428.9 | 3,174.6 |
| Yield (g/t) | 9.5 | 9.3 |
| Revenue (R/milled) | 37.24 | 37.24 |
| Cost (R/milled) | 19.53 | 19.54 |
| Profit (R/milled) | 17.71 | 17.70 |
| Revenue (R000's) | 12,933 | 12,933 |
| Cost (R000's) | 6,453 | 6,453 |
| Profit (R000's) | 6,480 | 6,480 |

FINANCIAL RESULTS (R000's):

| | | |
|--|-------|-------|
| Working profit: Gold | 5,896 | 5,896 |
| Net sundry revenue | 418 | 427 |
| Profit before taxation and State's share of profit | 5,456 | 5,456 |
| Taxation and State's share of profit | 2,761 | 2,761 |
| Profit after taxation and State's share of profit | 2,695 | 2,695 |

DEVELOPMENT:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 3,454 | 3,779 |
| Sampling results: | | |
| Sampled (m) | 374 | 426 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 9.2 | 14.0 |
| cm.e/t | 946 | 1,470 |

Main Reef:

| | | |
|-----------------------|-----|-------|
| Advanced (m) | 820 | 795 |
| Sampling results: | | |
| Sampled (m) | 134 | 114 |
| Stope width (cm) | 114 | 114 |
| Av. value gold: (g/t) | 7.4 | 8.3 |
| cm.e/t | 884 | 1,062 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

DEELKRAAL GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 20,000,000 ordinary shares of 20 cents each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 346,000 | 315,000 |
| Gold produced (kg.) | 3,778.5 | 3,723.0 |
| Yield (g/t) | 10.9 | 11.8 |
| Revenue (R/milled) | 38.22 | 40.67 |
| Cost (R/milled) | 22.02 | 21.02 |
| Profit (R/milled) | 16.20 | 19.65 |
| Revenue (R000's) | 13,224 | 12,603 |
| Cost (R000's) | 7,047 | 7,047 |
| Profit (R000's) | 6,177 | 5,556 |

FINANCIAL RESULTS (R000's):

| | | |
|--|-------|-------|
| Working profit: Gold | 5,407 | 5,407 |
| Net sundry revenue | 44 | 70 |
| Profit before taxation and State's share of profit | 5,451 | 5,477 |
| Taxation and State's share of profit | 2,761 | 2,761 |
| Profit after taxation and State's share of profit | 2,690 | 2,716 |

DEVELOPMENT:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 1,201 | 1,137 |
| Sampling results: | | |
| Sampled (m) | 134 | 104 |
| Stope width (cm) | 107 | 101 |
| Av. value gold: (g/t) | 4.7 | 4.7 |
| cm.e/t | 902 | 753 |

Venterspost Contact Reef:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 103 | 90 |
| Sampling results: | | |
| Sampled (m) | 111 | 111 |
| Stope width (cm) | 111 | 111 |
| Av. value gold: (g/t) | 1,062 | 1,062 |
| cm.e/t | 1,062 | 1,062 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

EAST DRIEFONTEIN GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 54,500,000 ordinary shares of R1 each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 305,000 | 287,000 |
| Gold produced (kg.) | 6,528.0 | 6,315.0 |
| Yield (g/t) | 21.4 | 21.3 |
| Revenue (R/milled) | 60.79 | 60.15 |
| Cost (R/milled) | 20.32 | 17.27 |
| Profit (R/milled) | 40.47 | 42.88 |
| Revenue (R000's) | 18,405 | 17,372 |
| Cost (R000's) | 5,815 | 4,935 |
| Profit (R000's) | 12,590 | 12,437 |

FINANCIAL RESULTS (R000's):

| | | |
|--|--------|--------|
| Working profit: Gold | 12,590 | 12,437 |
| Net sundry revenue | 776 | 701 |
| Profit before taxation and State's share of profit | 13,366 | 13,138 |
| Taxation and State's share of profit | 6,783 | 6,569 |
| Profit after taxation and State's share of profit | 6,583 | 6,569 |

DEVELOPMENT:

| | | |
|-----------------------|-----|-----|
| Advanced (m) | 589 | 454 |
| Sampling results: | | |
| Sampled (m) | 406 | 404 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 3.4 | 3.5 |
| cm.e/t | 522 | 586 |

Venterspost Contact Reef:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 6,775 | 6,726 |
| Sampling results: | | |
| Sampled (m) | 2,406 | 2,524 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 42.8 | 37.7 |
| cm.e/t | 6,458 | 5,989 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

VENTERSPOST GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 5,050,000 shares of R1 each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 361,000 | 339,400 |
| Gold produced (kg.) | 3,428.9 | 3,174.6 |
| Yield (g/t) | 9.5 | 9.3 |
| Revenue (R/milled) | 37.24 | 37.24 |
| Cost (R/milled) | 19.53 | 19.54 |
| Profit (R/milled) | 17.71 | 17.70 |
| Revenue (R000's) | 12,933 | 12,933 |
| Cost (R000's) | 6,453 | 6,453 |
| Profit (R000's) | 6,480 | 6,480 |

FINANCIAL RESULTS (R000's):

| | | |
|--|-------|-------|
| Working profit: Gold | 5,896 | 5,896 |
| Net sundry revenue | 418 | 427 |
| Profit before taxation and State's share of profit | 5,456 | 5,456 |
| Taxation and State's share of profit | 2,761 | 2,761 |
| Profit after taxation and State's share of profit | 2,695 | 2,695 |

DEVELOPMENT:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 3,454 | 3,779 |
| Sampling results: | | |
| Sampled (m) | 374 | 426 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 9.2 | 14.0 |
| cm.e/t | 946 | 1,470 |

Main Reef:

| | | |
|-----------------------|-----|-------|
| Advanced (m) | 820 | 795 |
| Sampling results: | | |
| Sampled (m) | 134 | 114 |
| Stope width (cm) | 114 | 114 |
| Av. value gold: (g/t) | 7.4 | 8.3 |
| cm.e/t | 884 | 1,062 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

KLOOF GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 20,240,000 ordinary shares of R1 each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 346,000 | 315,000 |
| Gold produced (kg.) | 3,778.5 | 3,723.0 |
| Yield (g/t) | 10.9 | 11.8 |
| Revenue (R/milled) | 38.22 | 40.67 |
| Cost (R/milled) | 22.02 | 21.02 |
| Profit (R/milled) | 16.20 | 19.65 |
| Revenue (R000's) | 13,224 | 12,603 |
| Cost (R000's) | 7,047 | 7,047 |
| Profit (R000's) | 6,177 | 5,556 |

FINANCIAL RESULTS (R000's):

| | | |
|--|-------|-------|
| Working profit: Gold | 5,407 | 5,407 |
| Net sundry revenue | 44 | 70 |
| Profit before taxation and State's share of profit | 5,451 | 5,477 |
| Taxation and State's share of profit | 2,761 | 2,761 |
| Profit after taxation and State's share of profit | 2,690 | 2,716 |

DEVELOPMENT:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 1,201 | 1,137 |
| Sampling results: | | |
| Sampled (m) | 134 | 104 |
| Stope width (cm) | 107 | 101 |
| Av. value gold: (g/t) | 4.7 | 4.7 |
| cm.e/t | 902 | 753 |

Venterspost Contact Reef:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 103 | 90 |
| Sampling results: | | |
| Sampled (m) | 111 | 111 |
| Stope width (cm) | 111 | 111 |
| Av. value gold: (g/t) | 1,062 | 1,062 |
| cm.e/t | 1,062 | 1,062 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

VLAKFONTEIN GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 6,000,000 shares of R1 each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 175,000 | 169,000 |
| Gold produced (kg.) | 864.9 | 809.0 |
| Yield (g/t) | 4.9 | 4.8 |
| Revenue (R/milled) | 16.30 | 16.30 |
| Cost (R/milled) | 15.40 | 15.40 |
| Profit (R/milled) | 0.90 | 0.90 |
| Revenue (R000's) | 2,853 | 2,752 |
| Cost (R000's) | 2,704 | 2,652 |
| Profit (R000's) | 149 | 100 |

FINANCIAL RESULTS (R000's):

| | | |
|--|-----|-----|
| Working profit: Gold | 149 | 100 |
| Net sundry revenue | 280 | 277 |
| Profit before taxation and State's share of profit | 429 | 377 |
| Taxation and State's share of profit | 280 | 277 |
| Profit after taxation and State's share of profit | 149 | 100 |

DEVELOPMENT:

| | | |
|-----------------------|-----|-----|
| Advanced (m) | 57 | 119 |
| Sampling results: | | |
| Sampled (m) | 62 | 114 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 4.9 | 4.9 |
| cm.e/t | 630 | 211 |

Venterspost Contact Reef:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 103 | 90 |
| Sampling results: | | |
| Sampled (m) | 111 | 111 |
| Stope width (cm) | 111 | 111 |
| Av. value gold: (g/t) | 1,062 | 1,062 |
| cm.e/t | 1,062 | 1,062 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

LIBANON GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 7,527,300 shares of R1 each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 335,000 | 310,000 |
| Gold produced (kg.) | 2,687.9 | 2,577.0 |
| Yield (g/t) | 8.0 | 8.3 |
| Revenue (R/milled) | 26.88 | 26.88 |
| Cost (R/milled) | 16.99 | 16.71 |
| Profit (R/milled) | 9.89 | 10.17 |
| Revenue (R000's) | 9,125 | 8,274 |
| Cost (R000's) | 5,707 | 5,140 |
| Profit (R000's) | 3,418 | 3,134 |

FINANCIAL RESULTS (R000's):

| | | |
|--|-------|-------|
| Working profit: Gold | 3,418 | 3,134 |
| Net sundry revenue | 332 | 322 |
| Profit before taxation and State's share of profit | 3,750 | 3,456 |
| Taxation and State's share of profit | 1,463 | 1,451 |
| Profit after taxation and State's share of profit | 2,287 | 2,005 |

DEVELOPMENT:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 3,928 | 3,894 |
| Sampling results: | | |
| Sampled (m) | 406 | 412 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 4.9 | 4.9 |
| cm.e/t | 704 | 579 |

Venterspost Contact Reef:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 228 | 220 |
| Sampling results: | | |
| Sampled (m) | 16 | 16 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 26.3 | 26.3 |
| cm.e/t | 3,498 | 3,498 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

WEST DRIEFONTEIN GOLD MINING COMPANY LIMITED
ISSUED CAPITAL: 14,082,180 shares of R1 each, fully paid.

| Operating Results: | Qtr. ended 30/9/1975 | Qtr. ended 30/6/1975 |
|---------------------|----------------------|----------------------|
| Gold: | | |
| Ore milled (t) | 664,000 | 652,400 |
| Gold produced (kg.) | 14,811.0 | 13,900.0 |
| Yield (g/t) | 22.45 | 21.30 |
| Revenue (R/milled) | 74.05 | 61.70 |
| Cost (R/milled) | 17.61 | 16.90 |
| Profit (R/milled) | 56.44 | 44.80 |
| Revenue (R000's) | 49,796 | 40,221 |
| Cost (R000's) | 12,875 | 11,078 |
| Profit (R000's) | 36,921 | 29,143 |

FINANCIAL RESULTS (R000's):

| | | |
|--|--------|--------|
| Working profit: Gold | 36,921 | 29,143 |
| Net sundry revenue | 2,534 | 2,534 |
| Profit before taxation and State's share of profit | 40,455 | 31,677 |
| Taxation and State's share of profit | 25,365 | 27,785 |
| Profit after taxation and State's share of profit | 15,090 | 3,892 |

DEVELOPMENT:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 1,407 | 1,407 |
| Sampling results: | | |
| Sampled (m) | 22 | 10 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 6.7 | 6.0 |
| cm.e/t | 704 | 630 |

Venterspost Contact Reef:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 1,327 | 1,314 |
| Sampling results: | | |
| Sampled (m) | 282 | 282 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 6.2 | 6.2 |
| cm.e/t | 925 | 766 |

Main Reef:

| | | |
|-----------------------|-------|-------|
| Advanced (m) | 159 | 95 |
| Sampling results: | | |
| Sampled (m) | 159 | 159 |
| Stope width (cm) | 105 | 105 |
| Av. value gold: (g/t) | 1,062 | 1,062 |
| cm.e/t | 1,062 | 1,062 |

On behalf of the board
P. W. J. van Rensburg | Directors
R. A. Plumbridge

RECENT ISSUES

EQUITIES

| Issue Price | Amount Paid | Latest Return | 1975 | Stock | Div. % | Div. Value |
|-------------|-------------|---------------|------|-------|--------|------------|
| 100 | 100 | 100 | 100 | 100 | 100 | 100 |

FIXED INTEREST STOCKS

| Issue Price | Amount Paid | Latest Return | 1975 | Stock | Div. % | Div. Value |
|-------------|-------------|---------------|------|-------|--------|------------|
| 100 | 100 | 100 | 100 | 100 | 100 | 100 |

"RIGHTS" OFFERS

| Issue Price | Amount Paid | Latest Return | 1975 | Stock | Div. % | Div. Value |
|-------------|-------------|---------------|------|-------|--------|------------|
| 100 | 100 | 100 | 100 | 100 | 100 | 100 |

INTERIM STATEMENT

Interim Report
FPA CONSTRUCTION GROUP LIMITED

INTERIM STATEMENT

The Directors announce that the unaudited results of the Group for the six months ended 30th June, 1975, are as follows:

| INTERIM STATEMENT | | |
|---|---------------------------------|---------------------------------|
| The Directors announce that the unaudited results for the six months ended 30th June 1975 are as follows: | | |
| Year ended 31st Dec 1974 | Six months ended 30th June 1975 | Six months ended 30th June 1974 |
| £000's | £000's | £000's |
| 19,842 | 10,889 | 8,844 |
| 484 | 40 | 127 |
| 302 | 20 | 18 |
| 152 | 20 | 18 |
| 128 | 20 | 18 |

Flaxo profit down £1.17m. t £41.43m.

PROFIT, before tax, of a non-executive director, effective on November 30, 1974, was £41.43m, compared with £42.60m, for the previous year, after £18.16m, for the external sales expanded £8.64m to £217.51m, for

Davenport Knitwear

earnings per 50p share £1.17m, compared with £1.17m, for the previous year, after £18.16m, for the external sales expanded £8.64m to £217.51m, for

Allied Invests. loan stock conversions

Allied Investments announces that holders of £763,537 nominal of 10 per cent. convertible loan stock, 1980 have elected to convert into 2,540,822 Ordinary shares of 5p, as adjusted for the recent scrip issue.

ALDERMAN SECS.

The Charterhall Finance offer for Alderman Securities Group has been declared unconditional. Acceptances have been received

Williams Hudson sees improvement

REMAINS to be done at Williams Hudson Group before directors can anticipate a profitability comparable to the past few years, chairman, Mr. D. J. Rowntree, said on October 4, after the group's 1974-75 results, which showed a 10p (0.35p) net.

equity interest in Venesta it has, however, decided to write off the value of the investment in the balance sheet.

MINING NEWS

Gold quarterlies now only historic

BY LESLIE PARKER, MINING EDITOR.

THE FIRST of the September quarterly reports from the South African gold mines, those of the Consolidated Gold Fields group, started off a series of results which on this particular occasion will be merely historic so far as earnings prospects are concerned.

Rand Mines group

INCREASED milling in the September quarter has been achieved by the four major gold mines in the Rand Mines group but lower profits, or increased losses, are reported in each case.

ROUND-UP

Favinga reports that drilling to establish ore reserves and for planning purposes at the Black-tosh base-metal prospect in Tasmania, in which the company has a 50 per cent. free interest and which is being explored by Canada's Cominco, will be completed by the end of the year.

The Eastern Tin-producing Ayer Haven says that its important No. 2 dredge resumed operations on September 6 after a planned 12 weeks' shut-down for treatment plant modifications and general repairs.

That Vam, an Australian boom-time mining birth, was still living despite being in the hands of a receiver was recorded in Mining Notebook on September 15.

UNREST ON THE GOLDEN MILE

A strike of more than 3,000 miners is being called, possibly for next Wednesday, by militants among the West Australian mining unions, reports our Perth Correspondent. They are protesting about the possible shutdown of the "Golden Mile" at Kalgoorlie.

A WARNING FROM KAMUNTING TIN

In the annual report of Kamunting Tin for the year to March 31, the chairman, Mr. D. R. Mitchell, gives a warning about the results for the past six months of the current year which are due shortly. He points out that they will reflect a further fall in production, marginal operations in Thailand, lower tin prices and rising costs.

BIDS AND DEALS

Magnet and Southern-Evans merging

Magnet Joinery, door and window frame manufacturers, is merging with Southern-Evans, a timber merchants and importers company. It intends to pay a dividend at an annual rate of 5p per share.

Eternit reply to Atlas rejection

Compagnie Financière Eternit replied yesterday to Atlas Stone's rejection of its £3.7m. take-over bid in a letter to Atlas shareholders from Eternit's financial advisers, Charterhouse Japhet. Eternit notes that the directors of Atlas make no forecast of the current year's profits "in a document posted only three weeks before the financial year end" and says it may be a long time before the economic difficulties of the U.K. permit a revival of his construction industry.

The new company will be one of the most broadly based in the timber industry, which is still fragmented despite a spate of mergers and takeovers in the past 18 months. In the year to February 28, 1975, Magnet made pre-tax profits of £5.2m. on a turnover of £26.5m. Southern-Evans, which also operated in Holland, had pre-tax profits of £4.6m. on a turnover of £49m. in the year to March 31, 1975.

Terms of the merger are seven Ordinary shares in the new company for every five Ordinary in Magnet and one for every one Southern-Evans Ordinary. The new company intends to apply for a Stock Exchange listing and a meeting of Rand Selection holders. Approximate asset values at September 30 were: S.A. Townships 1,556 cents per share and Rand Selection 1,538 cents per share. In London, Rand Selection were 710p cum premium.

MINING BRIEFS

WHEAL JANE—September: Production of Tin contained in concentrates 75 tonnes (August 87 tonnes). Mill operated for 34 days. Fine gold produced 1,045.32 oz. Fine silver produced 1,132.35 oz. Edie Creek Alluvial: Golden produced 31.2 oz. Van Serran: Timber produced—board feet 49,842.

SHARE STAKES

S. Pearson and Sons—the Cowdry Trust has disposed of 213,585 Ordinary shares and its revised total holding is now 7,887,753. General Whitley is interested in 301,150 Staneylands Group Ordinary (10.04 per cent.).

World Value of the Pound

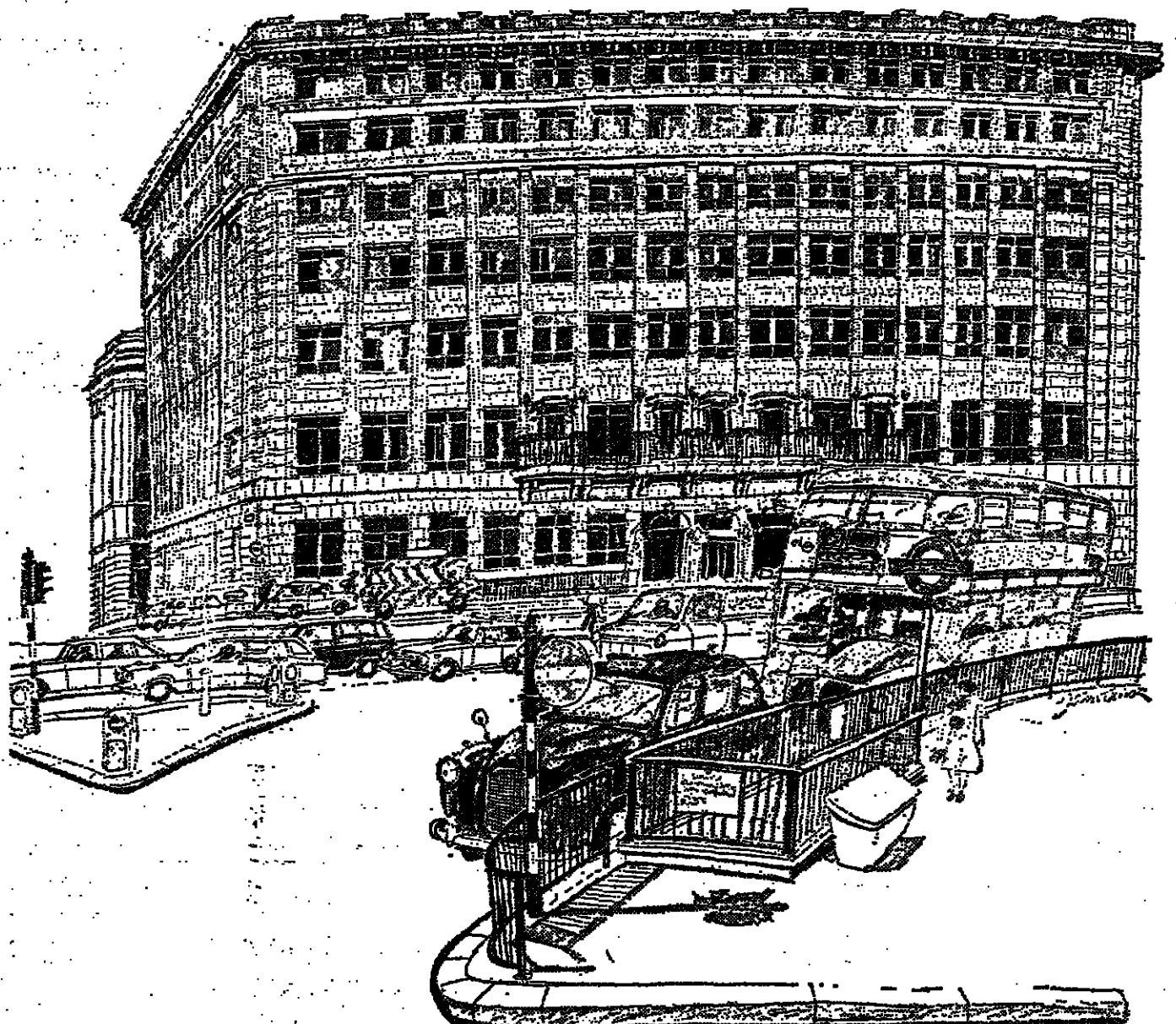
Table below gives the latest available exchange for the pound against various currencies on October 13, 1975. In some cases are nominal. Market rates are the of buying and selling rates except they are shown to be otherwise. In uses market rates have been calculated in market rates of foreign currencies which are used.

area other than Scheduled Territory; (K) Scheduled Territory; (O) official rate; (F) free rate; (T) tourist rate; (N.C.) non-commercial rate; (N.A.) not available; (A) approximate rate; (S) selling rate; (B) buying rate; (nom.) nominal; (ex/c) exchange certificate rate; (P) based on U.S. dollar parities and going sterling-dollar rate; (Bk) bankers' rate; (Bas) basic rate; (cm) commercial rate; (cn) convertible rate; (fn) financial rate.

Sharp fluctuations have been seen lately in the foreign exchange market. Rates in the table below are not in all cases closing rates on the dates shown.

| and Local Unit | Value of £ Sterling | Place and Local Unit | Value of £ Sterling | Place and Local Unit | Value of £ Sterling |
|--------------------|---------------------|-------------------------|---------------------|----------------------|---------------------|
| and Diliwot France | 541.00 | Germany | 1.4834 | Peru | 227.02 |
| Algeria | 137.00 | Ghana (G) West | 2.28 | Philippines | 16.78 |
| Arabia | 122.25(A) | Gibraltar (G) Gibraltar | 1.00 | Poland | 1.32 |
| Dinar | 147.84(A) | Greece | 1.2227 | Portugal | 200.00 |
| France | 6.55 | Hong Kong | 7.75 | Romania | 16.78 |
| French Pacific | 54.75 | India | 15.75 | Russia | 16.78 |
| Guinea | 54.75 | Indonesia | 15.75 | Saudi Arabia | 16.78 |
| Guinea-Bissau | 54.75 | Iran | 15.75 | Senegal | 16.78 |
| Kenya | 54.75 | Italy | 15.75 | Sierra Leone | 16.78 |
| Laos | 54.75 | Japan | 15.75 | South Africa | 16.78 |
| Libya | 54.75 | Korea | 15.75 | Spain | 16.78 |
| Madagascar | 54.75 | Malaysia | 15.75 | Sweden | 16.78 |
| Mali | 54.75 | Mexico | 15.75 | Switzerland | 16.78 |
| Mauritania | 54.75 | Morocco | 15.75 | Taiwan | 16.78 |
| Mauritius | 54.75 | Nepal | 15.75 | Thailand | 16.78 |
| Morocco | 54.75 | Nicaragua | 15.75 | Togo | 16.78 |
| Mozambique | 54.75 | Norway | 15.75 | Tunisia | 16.78 |
| Niger | 54.75 | Pakistan | 15.75 | Turkey | 16.78 |
| Nigeria | 54.75 | Panama | 15.75 | U.S.A. | 1.00 |
| Romania | 54.75 | Paraguay | 15.75 | U.K. | 1.00 |
| Saudi Arabia | 54.75 | Peru | 15.75 | U.S.S.R. | 1.00 |
| Senegal | 54.75 | Philippines | 15.75 | Yugoslavia | 1.00 |
| Sierra Leone | 54.75 | Poland | 15.75 | | |
| South Africa | 54.75 | Portugal | 15.75 | | |
| Spain | 54.75 | Romania | 15.75 | | |
| Sweden | 54.75 | Russia | 15.75 | | |
| Switzerland | 54.75 | Saudi Arabia | 15.75 | | |
| Taiwan | 54.75 | Senegal | 15.75 | | |
| Thailand | 54.75 | Sierra Leone | 15.75 | | |
| Togo | 54.75 | South Africa | 15.75 | | |
| Tunisia | 54.75 | Spain | 15.75 | | |
| Turkey | 54.75 | Sweden | 15.75 | | |
| U.S.A. | 54.75 | Switzerland | 15.75 | | |
| U.K. | 54.75 | Taiwan | 15.75 | | |
| U.S.S.R. | 54.75 | Thailand | 15.75 | | |
| Yugoslavia | 54.75 | Togo | 15.75 | | |
| | | Tunisia | 15.75 | | |
| | | Turkey | 15.75 | | |
| | | U.S.A. | 15.75 | | |
| | | U.K. | 15.75 | | |
| | | U.S.S.R. | 15.75 | | |
| | | Yugoslavia | 15.75 | | |

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NEW YORK, Oct. 13

| | Oct. 13 1976 | Oct. |
|---------------|--------------|-------|
| Gold Bullion | | |
| 500 tuncel | | |
| Cash | \$1411.142 | \$149 |
| Opening | \$1487.143 | \$151 |
| Morning fix | \$145.50 | \$142 |
| | \$68.108 | \$68 |
| African franc | \$143.0 | \$142 |
| | \$28.949 | \$699 |
| Gold coins | | |
| domestically | | |
| foreign | \$1434.1474 | \$146 |
| | \$270.7134 | \$271 |
| | \$414.474 | \$431 |
| New south | \$22.25 | \$23 |
| | | \$23 |

| | | |
|----------------------------|-----------|-------|
| Old savings | \$454.474 | \$461 |
| | \$22.23 | \$22 |
| Gold coins for m's sale | | |
| Kruggerand | \$145.147 | \$146 |
| | \$70.713 | \$71 |
| New savings | \$43.444 | \$43 |
| | \$21.211 | \$21 |
| Old savings | \$42.431 | \$42 |
| | \$21.21 | \$20 |
| 9 98 Eagles | \$321.324 | \$322 |

| | | |
|--------------|-----------|-------|
| \$ 10 Series | \$114-117 | \$116 |
| \$ 5 Series | \$77-80 | \$78 |

FOREIGN EXCHANGES

| Oct. 1915 | Bank Rates % | Market As | |
|-----------|--------------|---------------|---------|
| | | Day's Spread | |
| New York | 3 | 2.8846-2.8822 | 2 c |
| London | 8 1/4 | 2.1176-2.1162 | 1 1/2 c |
| Amsterdam | 6 1/2 | 8.0555-8.0545 | 1 c |
| Brussels | 10 | 79.52-80.10 | 7 1/2 c |

| | | | |
|------------|-------|-------------|----|
| Copenhagen | 7 1/2 | 12.22-12.38 | 12 |
| Frankfurt | 5 1/2 | 8.57-5.50 | 5 |
| Lisbon | 5 1/2 | 9.44-9.54 | 5 |
| Madrid | 7 1/2 | 12.02-12.19 | 12 |
| Milano | 6 | 1.01-1.587 | 1 |
| Nice | 5 | 1.28-1.52 | 1 |
| Paris | 5 | 8.05-8.04 | 1 |
| Stockholm | 5 | 8.37-8.01 | 1 |
| Tokyo | 7 1/2 | 9.18-9.29 | 1 |
| Vienna | 5 | 7.13-7.37 | 5 |
| Zurich | 5 1/2 | 5.46-5.43 | 5 |

| ↑ Basic discount. † Rates g/w convertible francs; closing rates \$2.46-52.79. | |
|---|---------------|
| OTHER MARKETS | |
| Argentina | 174.89-75.98 |
| Australia | 1.5146-1.5268 |
| Brazil | 17.59-17.59 |
| Finland | 7.35-7.94 |
| Greece | 89.585-112.18 |
| Hong Kong | 10.21-10.21 |
| India | 149-146 |
| Japan | 100-100 |
| London | 100-100 |
| Lyons | 100-100 |
| Madrid | 100-100 |
| Manila | 100-100 |
| Paris | 100-100 |
| Peking | 100-100 |
| Rangoon | 100-100 |
| San Francisco | 100-100 |
| Singapore | 100-100 |
| Sourabaya | 100-100 |
| Tientsin | 100-100 |
| Yokohama | 100-100 |

| | | |
|--------------|----------------|--------------|
| Latvian | 95.38-95.900 | Greece |
| Lithuanian | 79.38-80.000 | Germany |
| Malay | 91.10-91.850 | Italy |
| Norwegian | 1.853-1.121.13 | Japan |
| Swedish | 71.21-71.5 | Neth |
| Singapore | 5.6282-5.10 | Norway |
| S. Africa | 1.825-1.6002 | Portugal |
| U.S. | | Spain |
| Canada | | Soviet Union |
| U.S. | | U.S. |
| U.S. central | 97.10-97.21 | Yugoslavia |

*Based on prices quoted by

† Based on rates quoted by dealers. Other rates may be in effect. * Rate shown is the rate; financial rate 96.05-94.3. Special financial rate: 126.68-1 rates nominal.

FORWARD RATES

| | One month | Three |
|---------------------------------|-----------|-------|
| New York: 1.03-0.93 c. per 247. | | |

| | | |
|------------|-----------------------|--------|
| Münster | 0.55-0.40 c. mm | 66 |
| Amsterdam | 0.54-0.25 c. mm | 70.8 |
| Amsterdam | 0-0.30 c. mm | 150.1 |
| Copenhagen | 0.75-0.50 c. mm | 176.0 |
| Frankfurt | 0.54-0.54 c. mm | 116 |
| Lisbon | 0.40 c. mm-0.00 c. mm | 99 |
| Milan | 4-8 live mm | 61-1 |
| Oslo | 0-5 c. mm | 105-4 |
| Paris | 0.54-0.25 c. mm | 108-1 |
| Stockholm | 0.54-0.24 c. mm | 112.1 |
| Venezia | 0.30-1.0 mm mm | 73-46 |
| Zürich | 0.51-0.4 c. mm | 112-11 |

Six-month forward U.S. dollar
pm and 12-month 1.50-7.40c pm

JOHANNESBURG

Oct. 13 Rar

MINES

Investment premium based on
\$2.60 per £1—99½% (101½%).

| | | |
|----------------|-----------------|-----|
| Harmony | XXXXXXXXXXXXXXX | 7.1 |
| Kidross | XXXXXXXXXXXXXXX | 5.1 |
| Eleaf | XXXXXXXXXXXXXXX | 2.1 |

| | |
|----------------------------|------|
| Potlerrans Flat | 87 |
| St. Helena | 251 |
| South Vail | 81 |
| Gold Fields SA | 81 |
| Union Cons | 142 |
| De Beers Deft | 35 |
| Burvoruitich | 45 |
| Easr Kant Proprietary | 63 |
| Free State Geduld | 252 |
| Ezembesfontein | 219 |
| President Brand | 228 |
| President Steyn | 228 |
| Silfontein | 122 |
| Welkom | 27 |
| West Driefontein | 27 |
| Western Holdings | 319 |
| Western Deep | 172 |
| INDUSTRIALS | |
| African Explo. & Chem. | 18 |
| Anglo Amer. Industries | 72 |
| Anglo Transvaal Industries | 72 |
| Barlow Rand | 12 |
| CRA Investments | 6.8 |
| Currie Finance | 20 |
| De Beers Industrial | 6.8 |
| Federal Volksbelegings | 12.6 |
| Glen All Development | 12.7 |
| Greiffmans Stores | 12.7 |
| Nedbank | 77.0 |
| OK Bazaars | 77.0 |
| Orumstone Invest. | 19.5 |
| Premier Building | 1.9 |
| Protia Cement | 1.9 |
| Protea Holdings | 12.5 |
| Rand Mines Properties | 12.5 |
| SAPPI | 1.9 |
| Sorec | 1.9 |
| SA Breweries | 1.9 |

| SPAIN ♥ | |
|-------------------------|-----------|
| October 10 | Per cent. |
| Adriana | 129 |
| Banco Lopez Osores | 75 |
| Banco Bilbao | 232 |
| Banco Atlantico (1,600) | 268 |
| Banco Central | 338 |
| Banesto (250) | 362 |
| Batet | 330 |
| Banco Exterior | 1,015 |
| Banco General | 340 |
| Banco Granada (1,800) | 313 |
| Banco Kio | 298 |
| Banco Iberico | 296 |
| Industria | 296 |
| Banco Ind. C. (1,000) | 377 |
| Banco Mercu (1,800) | 947 |
| Banco Nordeste | 296 |
| Banco Occidental | 338 |
| Banco Popula | 332 |
| Banco Santander (250) | 292 |
| Banco Utriculo | 332 |
| Banco Vizcaya | 606 |
| Banco Zaragozano | 332 |
| Bankunion | 132.58 |
| Alonso Borne | 132 |
| Belmont Wilcox | 320 |
| Cepes | 431 |
| CIC | 166.48 |
| Creditco | 678 |
| Dracador | 128 |
| Esmeralda | 128 |
| Esmeralda Ara | 128 |
| Esmeralda Zinc | 295 |
| Expl. Rio Tinto | 295 |
| Fecsa (1,000) | 295 |
| Fenosa (1,000) | 218 |

[illegible]

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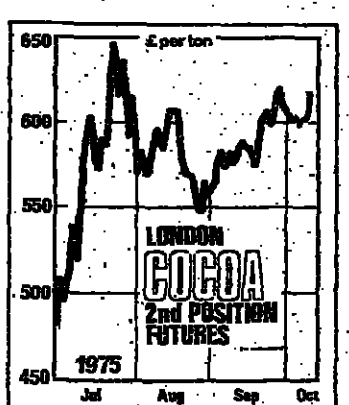
MINING AND RAW MATERIALS

W. German consumption surprise boosts cocoa

By Richard Mooney

EST official estimate of U.K. grain harvest of 200,000 tons in the Home Acreal Authority's forecast of the Ministry of Agriculture's estimates of yields per acre. The barley yields at the end of the year were slightly above the figures for the year, but the grain trade was little reaction on the market yesterday.

Cocoa futures climbed to their highest level for 11 weeks on the London terminal market yesterday following the announcement of a higher-than-expected West German third-quarter consumption figure. The March position ended the day at 5817.5 a tonne, up 25.75, after reaching 5825 at one time.



LONDON COCOA 2ND POSITION FUTURES

At 29,900 tonnes the West German third-quarter figure is only 2.5 per cent below the 30,750 announced in the third quarter of 1974. This compares with market predictions of a 10-15 per cent fall. In the second quarter of this year, West German consumption was 34,049 tonnes, 7.2 per cent above the same period last year.

Even before this announcement the London market had risen strongly and the near December position had advanced the permissible limit before West Germany's grain trade was officially known. The firm tone evident in pre-week-end dealings in both London and New York was maintained in early trading encouraged by significant chartist buying.

disappointing U.S. and U.K. grinding figures were shrugged off on the grounds of the market's "bullish" undertone.

Purchases of Ghana maincrop cocoa for the second week of the current season totalled 13,700 tons, according to the Ghana Cocoa Marketing Board. This brings the cumulative total for main crop purchases to 35,212 tons against 26,970 after two weeks last year.

A London dealer pointed out that from previous experience this figure would indicate a main crop of 375,000-385,000 tons against last year's 361,378. However, that at this stage, such predictions must be taken with extreme caution, especially in view of the widely-held suspicion that the high figure registered in the first week of the season might have been inflated by cocoa carried over from the mid-crop.

In Geneva, meanwhile, the current round of talks aimed at thrashing out a new International Cocoa Agreement is still believed to be concentrated on attempts to establish an operating price range acceptable to both consumers and producers.

Early negotiations revealed a large gap between proposed price levels. Producer delegates have talked of a range of 50 to 60 cents a lb while the EEC wants a span of 33 to 46 cents. The present range of 28.5 cents to 38.5 cents is well below current market prices of over 50 cents.

Late last week the conference chairman, Mr. Peter Lai of Malaysia, proposed a compromise figure of 50 cents a lb to be used as a reference point. He said this would enable producers to work towards a price range encompassing this figure but leaving open to negotiation the extent of the range and the actual figures for the maximum and minimum prices.

A London dealer pointed out that from previous experience this figure would indicate a main crop of 375,000-385,000 tons against last year's 361,378. However, that at this stage, such predictions must be taken with extreme caution, especially in view of the widely-held suspicion that the high figure registered in the first week of the season might have been inflated by cocoa carried over from the mid-crop.

New peak for copper stocks

REAL WOOD VENEERS

Exotic backwater of the timber trade

By a Special Correspondent

COPPER STOCKS held in London Metal Exchange warehouses rose to a new peak of 438,125 tonnes, following a hefty rise of 12,475 tonnes last week. It was reported yesterday that the increase more than offset the copper stocks decline of 2,475 tonnes the previous week—the first fall for 29 weeks.

The rise in stocks was in line with market forecasts, and reflected the little impact on prices yesterday. A fall in copper cash wirebars of 55.5 to 574.75 a tonne was mainly attributed to lack of trading interest in quiet conditions. Other stocks, as anticipated, also rose sharply by 2,325 tonnes to a total of 45,100 tonnes. However, the market was buoyed up in late afternoon by the announcement of a rise in the precious price quotation from 2350 to 2390 a tonne by Outokumpu of Finland—the first European producer to follow the move to a higher price level initiated by the Australian and Australian producers. It is believed French zinc producers have also raised their prices.

The stocks fell by 330 to 5,795 tonnes, but this failed to stop the downward trend in London prices following the rise in the precious price quotation from 2350 to 2390 a tonne by Outokumpu of Finland—the first European producer to follow the move to a higher price level initiated by the Australian and Australian producers. It is believed French zinc producers have also raised their prices.

Lead stocks were up by 2,215 tonnes to a total of 78,750 tonnes, while 1ME silver holdings were up by 160,000 to 16,900 ounces.

SCRATCH ANY successful operator in the timber trade and underneath the skin you will find some element of the gambler as you will in any commodity trader who has to make forward contracts and is therefore estimating his markets months ahead of time. The timber trader hasn't the benefit of a futures market to allow the dealer to hedge his positions.

But for the smallest and most exotic of the timber trade—who cut and deal in real wood veneers—the chance element is doubled for no matter how carefully a log is graded when it comes to be cut into decorative veneers, the outcome is a matter of chance—it may be brilliant or disappointing.

Real wood decorative veneers defy any form of standardisation or grading and for this reason they are still bought on individual inspection, and the operators in this fascinating backwater are still dealing in old prices per sq. ft. as they face each other over a bundle of veneers complete in the overall form of the log from which they were cut.

This apparent out-of-date attitude makes strict commercial comparison of the trade like to shade their bargaining pretty finely and the new penny is too big a jump, an old halfpenny per sq. ft. can represent the right difference in quality between one log and another.

There are half-a-dozen firms still cutting veneers in Britain, and around 18 importers and merchants. The whole trade probably has an annual turnover of around £20 million. In 1974 imports of the material were valued at £11.3 million. Exports amounted to £10.3 million worth £41m. Our principal suppliers were France, Germany, Italy and

Singapore, but the full list of supplying countries stretches to over 30. In the case of Singapore most of the trade was probably in an indigenous Far Eastern species, teak. But France, Germany and Italy are countries which specialise in cutting and dealing in logs of all species bought from around the world. A quantity of oak comes from Germany and from Italy most of the African redwood species.

As for exports, some will be in our own indigenous species. Sycamore was once in good demand on the Continent, but the large trees needed for cutting are now hard to find over the Continent. We still export some quantities of oak, ash and walnut.

Imitations

Veneer logs can either be sliced or peeled. Generally, decorative veneers are obtained by slicing, but there are exceptions: birch's eye match, a favourite of long ago is peeled and so is walnut. Burr walnut occurs as a result of cell malformation—in other words a more desirable species and even veneers which are coloured, usually have the most mundane explanations.

Traditionally, Britain is the market for the medium and lower quality veneers cut by the Continental mills. The French are still the finest cutters in the world with their industry based on walnut and comprised for the most part of small firms, high in expertise but with ageing equipment.

opportunities for as large buyers of the medium and lower qualities they can now and then pick up parcels in which the best remains and this can be exported to a buyer in the country of origin or to another Continental country. In a trade where all the buying and selling is by individuals for their own specialised requirements all sorts of permutations are possible.

Is the furniture and cabinet industries which are the end-users of veneers, but there are many subdivisions within these broad headings such as clocks, presentation cases and high quality cabinets for the radio and television industry. At the moment, the industry is fighting a running battle with the furniture makers on what it reckons to be misrepresentation in advertisements.

The angle arises over the advance in technology. The real wood veneer itself was an advance from solid wood. But now we have veneers of melamine, pvc, printed paper with a polyester coating, a lesser wood veneer printed with the grain of more desirable species and even veneers which are coloured, glued together again to reform the log and then re-cut to give a more desirable figure.

The real wood trade is worldly enough to realise that it cannot stop the use of these imitations, what it does object to is the use of a species name such as "teak" or "rosewood" to describe an article of furniture which contains nothing of the sort. Some Continental countries insist on the use of the word "imitation" before the species name, in these cases and the real wood veneer trade would like to see that adopted here. In the meantime if you want real wood veneer don't believe all you read in the ads, and ask some direct questions in the furniture shop.

Cuba in sugar talks with Japan

By Emilio Lescano

SR. EMILIANO LESCANO, president of Cubanacán, the State-owned Cuban sugar corporation, is shortly expected here for talks with importers and sugar refiners on Cuban sales to Japan, the Japan Sugar Refiners' Association told Reuters today.

Informed sources say he is expected to press for increased Japanese imports of Cuban sugar to equalise trade between the two countries which is believed to be unbalanced due to sharply increased Cuban imports of Japanese industrial plant.

Cuba last year sold 118,000 tonnes of raw sugar to Japan, but sales in the first nine months of this year amounted to only 300,000 tonnes, or about 10 per cent of Japan's annual consumption because of the relatively high prices demanded by Cuba.

The sources also said Sr. Lescano might revive a proposed long-term sugar sales arrangement with Japan, similar to the five-year pact for Australian sugar, concluded by Japan last December. Negotiations between

Japan and Cuba on the proposed long-term pact were stalled due to disagreement on pricing terms, they added.

Earlier, it was reported from Washington, that U.S. production of sugarbeet is forecast at a record 29m. short tons, 31 per cent above 1974 by the U.S. Agriculture Department (USDA).

The increase was attributed to a rise in acreage for harvest of 24 per cent, and a boost in average yield per acre of 1.1 short tons to 19.3 short tons.

In its first progress report on the U.K.'s 1975 sugar beet harvest, the Ministry of Agriculture said the majority of its factories were now open but supplies of beet from the farms were slow arriving.

Mr. Alan Gibbs, BSC's head of agriculture, said a slower than normal start to the harvest had been foreseen due to drought-backed ground in many areas, but there had now been a lot of rain and harvesting conditions were generally good.

Having been forced to delay

initially, farmers have been busy drilling winter wheat and barley and preparing the ground for next year's crops, Mr. Gibbs added.

"But we think from next week they'll really get cracking on the beet harvest. We certainly urge this as we are very conscious that harvesting left too long could be hit by severe frosts."

Nine BSC factories were operating by the end of last week, Bardenes and King's Lynn opened yesterday and King's Lynn, Ipswich and Peterborough should open today. Newark should open towards the end of next week. This depends on the build-up of sugar beet supplies, as do the opening dates for the two remaining factories—Felsted and Ely," said BSC.

From Bonn, meanwhile, it is reported that sugar beet in the U.K. is being refined in the 1975-76 campaign are so far slightly down on last year at 2,230,470 tonnes against 2,328,210.

Peru miners out on strike

LIMA, Oct. 13

A SPOKESMAN for Peru's State Mining Corporation, Centromin, said 2,000 mine-workers had begun a strike for higher wages.

He said the strike, which affected the Cerro de Pasco and Oraya Mines, was only partially supported by Centromin's workforce of 16,000.

According to a mine workers' union leader about 10,000 miners had joined the strike to back demands for a \$3 a day pay increase and for a 10 per cent rise in the cost of living.

Centromin produces about 50 per cent of Peru's copper, zinc, lead and silver exports.

Call for Common Market sheep policy

THE NEED for better arrangements to be worked out among the Common Market countries to help stop the decline in British sheep production was stressed by the National Farmers' Union yesterday.

It was commenting on the draft regulations drawn up by the EEC Commission for a transitional Common Market system for sheep meat which will be considered by the Council of Ministers in Brussels soon.

"Sheep are one of the few farm products not included in the Common Agricultural Policy at present and this position cannot continue indefinitely," Mr. David Parker, chairman of the NFU's Livestock and Wool Committee declared.

He described the Commission's proposals as "a cautious approach designed to encourage freer trade to sheep meat between the EEC countries before tackling in a few years' time the difficult

problem of common arrangements to be worked out among the Common Market countries to help stop the decline in British sheep production was stressed by the National Farmers' Union yesterday.

It was commenting on the draft regulations drawn up by the EEC Commission for a transitional Common Market system for sheep meat which will be considered by the Council of Ministers in Brussels soon.

Many U.S. markets were closed yesterday for Columbus Day. In the United States, Columbus Day is a public holiday, and many businesses and schools are closed.

COMMODITY MARKET REPORTS AND PRICES

METALS

Last metals round on the LME. The copper market closed on the LME at 235.00, down from 235.50. The zinc market closed at 235.00, down from 235.50. The lead market closed at 235.00, down from 235.50. The tin market closed at 235.00, down from 235.50. The silver market closed at 235.00, down from 235.50. The gold market closed at 235.00, down from 235.50.

GRAIN

Wheat futures on the LME closed at 235.00, down from 235.50. Corn futures on the LME closed at 235.00, down from 235.50. Soybean futures on the LME closed at 235.00, down from 235.50. Cotton futures on the LME closed at 235.00, down from 235.50. Rice futures on the LME closed at 235.00, down from 235.50.

COFFEE

Coffee futures on the LME closed at 235.00, down from 235.50. Arabica coffee futures on the LME closed at 235.00, down from 235.50. Robusta coffee futures on the LME closed at 235.00, down from 235.50.

RUBBER

Rubber futures on the LME closed at 235.00, down from 235.50. Natural rubber futures on the LME closed at 235.00, down from 235.50. Synthetic rubber futures on the LME closed at 235.00, down from 235.50.

SUGAR

Sugar futures on the LME closed at 235.00, down from 235.50. White sugar futures on the LME closed at 235.00, down from 235.50. Brown sugar futures on the LME closed at 235.00, down from 235.50.

MEAT/VEGETABLES

Meat and vegetable prices on the LME. Beef prices are down, while lamb prices are up. Vegetable prices are mixed.

PRICE CHANGES

| Commodity | Unit | Price |
|-----------|---------|--------|
| Copper | 100 lbs | 235.00 |
| Zinc | 100 lbs | 235.00 |
| Lead | 100 lbs | 235.00 |
| Tin | 100 lbs | 235.00 |
| Silver | 100 oz | 235.00 |
| Gold | 100 oz | 235.00 |

U.S. Markets

Grain prices fall lower in Chicago. Wheat prices are down, while corn prices are up. Soybean prices are mixed.

ISTORY TODAY

Edited by Peter Quennell and Alan Hodge

October issue includes:

MAN MELVILLE AND ATLANTIC

ATIONS Charlotte Lindgren

THWELL: THE LAST EXILE

Derek Severn

R. MAUDSLAY: VICTORIAN

EMPLAR J. A. Boutiller

E ISLANDS VOYAGE, 1597 Alan Haynes

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COCOA

Cocoa futures on the LME closed at 235.00, down from 235.50. Cocoa beans futures on the LME closed at 235.00, down from 235.50.

WOOL FUTURES

Wool futures on the LME closed at 235.00, down from 235.50. Wool tops futures on the LME closed at 235.00, down from 235.50.

FINANCIAL TIMES

Financial Times newspaper information and market data.

International rubber talks in Malaysia

Malaysia, as the world's leading producer of natural rubber, has to maintain the confidence of consumer countries in the quality of its rubber exports.

Technical Committee of Power, Technology and Research, said here today.

Speaking at the opening of the 23rd plenary meeting of International Standards Organisation.

Technical Committee of Power, Technology and Research, said here today.

Mr. Mohamed said he was confident the conference would contribute towards the advancement of rubber technology and bring about wider use and application of natural rubber.

The Minister said in this age of shrinking natural resources the importance of fully utilizing resources such as natural rubber to the maximum could never be over-emphasised.

Reuter

STOCK EXCHANGE REPORT

Quietly dull day in markets awaiting trade figures

Share index 3.5 lower at 335.9—Glaxo react late

Account Dealing Dates
Option
First Declared Last Account
Dealings close Dealings Day
Sep. 22 Oct. 2 Oct. 14
Oct. 6 Oct. 16 Oct. 17 Oct. 28
Oct. 20 Oct. 30 Oct. 31 Nov. 11

With interest in the market, the FT 30-share index was showing a loss of 3.5 points at 335.9. The market was quiet, with a few small moves. The FT 100-share index was down 1.5 points at 1,457.5. The FT 250-share index was down 1.5 points at 2,457.5. The FT 500-share index was down 1.5 points at 3,457.5. The FT 1,000-share index was down 1.5 points at 4,457.5. The FT 2,000-share index was down 1.5 points at 5,457.5. The FT 3,000-share index was down 1.5 points at 6,457.5. The FT 4,000-share index was down 1.5 points at 7,457.5. The FT 5,000-share index was down 1.5 points at 8,457.5. The FT 6,000-share index was down 1.5 points at 9,457.5. The FT 7,000-share index was down 1.5 points at 10,457.5. The FT 8,000-share index was down 1.5 points at 11,457.5. The FT 9,000-share index was down 1.5 points at 12,457.5. The FT 10,000-share index was down 1.5 points at 13,457.5.

Second-line equities failed to get much support in the way of a standstill and prices barely stirred until the late dealings when a further easing in prices left the index 3.5 down at its lowest of the day at 335.9. British Funds fared little better in the way of activity, but after an easier opening, prices hardened to end the day without much alteration on balance. The Government Securities index closed 0.2 lower at 334.2.

Guilts resilient
Gilt-edged put up a resilient performance in view of the rather depressing estimates which were circulating at the September trade deficit, but to be announced

to-day. Business was, of course, restrained by these suppositions and early in the day quotations drifted lower before later recovery. The shorts were additionally required to digest the effects of the new short "tap" Treasury 1½ per cent, 1981, of which £500m at 96 is to be issued. Subsequently, the old "tap" Treasury 2½ per cent, 1980, slipped to 95½, but Treasury 3 per cent, 1977, gained ½ more to 85½. Among recently-issued Fixed Interest, Lloyds Bank 14 per cent, 1983-86, in £10-paid form, rose ½ to 94.

The easier tendency, which began late on Friday in the investment currency market, continued yesterday in small trading and the premium closed 13 points lower at 89½ per cent. There was no fall in the recent inquiry for Autofagasta 5 per cent Preference, which gained a point more to 53½. Yesterday's SE conversion factor was 0.6221 (0.6221).

C. E. Heath up

C. E. Heath was a firm market in Insurances, rising 1½ to 246½. While Lega and General edged forward a penny to 131½, the latter's interim figures are expected to-morrow. Composites lacked support and drifted lower to display falls of up to 5 by the close.

The big four Banks closed with small irregular price movements after a quiet trade. Barclays hardened 2 to 300½ after 296½, but Midland eased 2 to 273½ and National Westminster closed 3 down at 233½. Slater Walker eased a penny to 32 in Merchant banks, while Provident Financial hardened 2 to 74½ in Hire Purchases.

Little of interest took place in Breweries, which closed with small losses after a quiet trade. Elsewhere, Distillers lacked support and shed 2½ to 115½, but Amalgamated Distilled Products

were marked a penny higher to 43½ following week-end Press comment. Magnet Joinery became a late dull feature in Buildings, easing 8 to 130½ on news of the agreed merger with Southern Cross, 3½ better at 22½. Elsewhere, Associated Cement cheapened 4 to 173½ and London Brick (interim results due October 23) gave up 2½ to 54½. Higgs and Hill, 45½, lost 3 of last Friday's gain of 1½, which followed the first-half profits upsurge, while slightly

66p, Anchor, 32p, Yorkshire, 94p, and Willows Francis, 25p. HTV hardened 2 to 35p in Television issues.

Press suggestions that interim profits (due to be announced to-morrow week) will suffer a sizeable cutback due to additional pension provisions unsettled Marks and Spencer, however, after touching 10½, the shares picked up to 103½ for a net loss of only 2. Other Store leaders also closed with minor losses, above the day's worst, UDS Bashed 2 off at 83p, after 82p, awaiting to-day's half-year results, while British Home Stores, with interim figures expected to-morrow, ended similarly easier at 34½, after 34½. Elsewhere, week-end Press comment predicted an imminent "rights" offer on attractive bonus terms brought fresh strength to Combined English Stores, which followed last Friday's rise of 5 with a further gain of 4 to 90p. Buyers looked for second-half prospects to be good, and the shares of the company, which had a 10p bid for 50p. Others to find favour were Martin the Newsagents, 134p, and John Lewis, 120p, which improved 4 pence and Lincolnshire 2 better at 115½. Wall Orders returned initial small losses.

Electrical leaders remained neglected and hardly moved. KML, a maker of late on Japanese orders for its revolutionary X-ray scanner, closed a penny harder at 214p. GEC held steady at 124p, but Thorn Electrical declined 4 to 20½ and Westinghouse a penny to 115½. Orders returned initial small losses.

The most prominent Engineering features were usually of an adverse nature. Export reacted quite sharply and shed 2½ to 22½, losing 3½ to 41p, while Stothert and Pitt gave up 4 to 73p following the second-half setback. Profit-taking took its toll on Weyburn, down 9 to 41p. Balfour and Wilcox new nil-paid shares

lower first-half earnings left M. P. Kent a penny off at 32p. Bryant Holdings eased a like amount to 24p for a similar reason, while losses of 3 and 5 respectively were recorded in Leonard Fairclough, 180p, and International Paint, 190p. Istock Johnson improved 3 to 94p and Marshall's (Hullfax) put on 2 to 63p.

In mixed Chemicals, ICI lacked support and shed 2½ to 22½, while Fisons declined 4 to 37p. Further consideration of the higher first-half profits helped Storey Brothers improve 2 to 197½, while a similar improvement was seen in Albright and Wilson,

slipped 4 to 37p and Staveley shed 3 to 100p. Unfavourable newspaper mention brought West back 2 to 65p and B. Elliot down 1½ to 93p. The favourably commented lifted Clayton Soap 3 to 35p and Serck and Electronics, Machines, to 4 to 30p. Peter Brotherhood rose sponded to the first half profits to 72p, before closing unchanged on balance at 67p, but Triplex Foundries improved 3 to 41p and John Brookhouse 4 to 177p. Swan Hunter, in Shipbuilding, were cancelled by comment on Maritime Fruit Carriers, and fell 3 to 88p.

Selected Foods were offered and in particular Northern Foods, New nil-paid shares which fell 3 to 34p premium, the old lost 2½ to 50p. Also sold were Cavenham, 3 easier at 140p, but Associated Dairies picked up 4 to 224p. Favourable week-end mention caused RHM to harden 1 to 43p and Wheston to gain 1 to 15p. The confident tenor of the chairman's review nudged Gateway "A" 1 higher to 42p.

Hotels continued to be featured by Grand Metropolitan, the New nil-paid shares of which reacted 2 more to 115p premium; the Old closed 1½ down at 61p. Lyons slipped 4 to 150p, but M. F. North remained at 19p, the sharp midline setback being much in line with expectations.

The recent upward trend in Beaverbrook "A" was reversed by profit-taking, which brought a close of 1½ cheaper at 40p. Marshall Cavendish, in Publishers, were sharply easier at 25½. Paper/Printings were neglected apart from John Waddington, 4 higher at 112.

Business was very slack in the Property leaders, which generally closed a shade easier. MKPC shed 2 to 65p, while Land Securities finished a penny softer at 173p, after 172p. Small losses were scattered throughout the secondary issues, although Barratt Developments managed to harden 2 to 115p. Following last week's advance of 26 on a revival of bid speculation, Bernard Sunley ran out of steam and reacted 5 to 170p. London Bridge Securities put up a poor performance to close 2½ down at 13p.

Oil's quietly firm

Oil's fully maintained last week's firm undertone and British Petroleum established a fresh peak for the year of 575p, up 3. Business, as in other Oils, was very slow and movements marginal. Shell advanced forward to 360p, 1975 high, before reverting to Friday's closing level, while Barmah eased 1 to 33p, despite Press mention. Reports of a pending rights issue in the company were discounted. Anglo-Associated, dealt in under a special Rule 3 points to 222½. Among overseas issues, Weeks

Maynards were spurred on by favourable Press comment and rose 10 further to 355p, while

The above list of active stocks is based on the number of bargains recorded yesterday in the Official list and under Rule 155(1) (e).

• Premium

Option Report—3-month Call rates

OPTION DEALING DATES

First Last For
Deal Declared Settle
Ing tion ment
Property Trust were dealt in for
Sep. 30 Oct. 13 Dec. 23 Jan. 7
the "put", while double options
Oct. 14 Oct. 27 Jan. 31
were transacted in Amalgamated
Oct. 27 Oct. 10 Jan. 22
Feb. 5
"Calls" were arranged in Burnham Oil, Lomroe and Lard
GRA Property Trust, Burnham Oil, broke Group.

Brooke Bond, Ladbroke Group, Reynolds Parsons and Lomroe.

English China Clays and GRA

Properties Trust were dealt in for

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F.T.—ACTUARIES SHARE INDICES

These indices are the joint compilation of the Financial Times, The Institute of Actuaries and the Faculty of Actuaries

Monday, October 13, 1975

Friday, Oct. 10, 1975

Thursday, Oct. 9, 1975

Wednesday, Oct. 8, 1975

Tuesday, Oct. 7, 1975

Year ago (approx.)

Since Completion

High Low High Low

1 CAPITAL GOODS (179) 124.59 -0.3 18.40 5.58 8.12 8.12 124.59 124.49 122.25 121.60 69.51 131.26 51.78 206.37 50.71

2 Building Materials (30) 120.59 -1.3 14.33 6.97 10.50 10.50 120.59 120.02 119.95 118.46 63.19 128.50 11.51 233.24 44.27

3 Contracting, Construction (23) 223.84 -0.5 16.70 4.10 9.00 9.00 223.84 223.04 221.11 219.38 98.32 234.94 88.49 550.04 94.71

4 Electricals (17) 217.48 -0.2 18.80 5.34 7.79 7.79 217.48 216.86 216.76 211.08 130.87 234.94 88.49 550.04 94.71

5 Engineering (Heavy) (13) 147.95 -1.5 22.06 5.08 6.91 6.91 147.95 147.76 146.54 149.33 82.35 159.79 64.39 302.57 64.39

6 Engineering (General) (63) 107.70 +0.2 20.39 7.70 7.30 7.30 107.70 107.02 106.58 104.85 61.46 117.40 61.46 117.40 61.46

7 Machine and Other Tools (9) 42.73 -0.1 19.29 9.83 9.86 9.86 42.73 42.06 41.15 40.85 28.04 48.98 28.04 126.73 19.86

8 Miscellaneous (24) 108.78 -0.6 20.52 7.44 7.53 7.53 108.78 108.33 107.37 102.85 65.56 121.76 65.56 177.41 49.65

9 CONSUMER GOODS (DURABLE) (57) 100.57 -0.3 17.18 6.15 8.56 8.56 100.57 100.04 98.26 98.07 58.32 102.57 58.32 227.76 52.39

10 Electronics, Radio TV etc. (15) 118.65 -0.5 15.65 4.50 9.58 9.58 118.65 118.59 115.66 116.07 57.55 123.06 57.55 237.41 62.59

11 Household Goods (15) 153.44 +0.4 15.92 6.78 9.22 9.22 153.44 151.69 150.83 150.60 80.61 153.44 80.61 263.32 63.99

12 Motors and Distributors (27) 82.36 +0.1 20.76 8.91 6.93 6.93 82.36 82.00 81.68 80.33 50.46 81.03 82.36 81.03 82.36

13 CONSUMER GOODS (NON-DURABLE) (167) 138.48 -1.0 14.53 6.14 9.97 9.97 138.48 138.01 136.91 136.17 74.41 146.45 74.41 256.08 61.41

14 Breweries (15) 188.06 -1.1 12.65 6.48 11.96 11.96 188.06 187.61 187.07 184.78 91.80 187.98 91.80 281.87 69.47

15 Wines and Spirits (7) 144.17 -1.6 13.50 7.06 11.17 11.17 144.17 143.39 141.53 143.74 107.36 177.94 107.36 257.40 76.88

16 Entertainment, Catering (16) 160.11 -0.7 13.32 7.45 11.74 11.74 160.11 159.38 158.16 154.92 78.22 187.91 78.22 289.25 61.41

17 Food Manufacturing (22) 180.03 -1.0 13.93 5.85 9.87 9.87 180.03 180.58 179.48 174.71 91.83 185.51 91.83 211.64 69.77

18 Food Retailing (16) 143.02 -0.8 10.76 4.59 13.48 13.48 143.02 143.39 141.53 143.66 67.51 149.17 67.51 253.08 54.35

19 Newspapers, Publishing (15) 137.40 -0.3 18.84 7.30 9.65 9.65 137.40 135.81 135.10 133.89 77.51 149.17 77.51 253.08 54.35

20 Packaging and Paper (13) 91.70 -0.3 24.21 8.02 6.14 6.14 91.70 92.02 92.85 91.73 91.92 52.32 107.12 52.32 133.69 43.46

21 Stores (32) 119.27 -1.6 12.35 5.47 12.80 12.80 119.27 120.62 118.82 119.19 63.34 123.01 63.34 154.72 43.46

22 Textiles (22) 142.48 -1.6 23.45 7.00 8.11 8.11 142.48 143.82 141.56 140.76 61.70 149.52 61.70 253.73 63.99

23 Tobacco (3) 190.60 +0.4 17.24 8.85 8.83 8.83 190.60 190.45 188.07 187.60 61.80 190.60 61.80 253.73 63.99

24 Toys and Games (6) 61.12 +2.1 22.62 5.95 6.16 6.16 61.12 60.85 60.39 59.53 58.56 28.95 61.12 28.95 126.73 19.86

25 OTHER GROUPS (93) 175.55 -0.6 15.96 5.46 8.76 8.76 175.55 175.81 172.82 174.17 92.73 189.17 92.73 201.92 71.20

26 Chemicals (24) 81.08 -0.8 15.45 6.45 8.58 8.58 81.08 81.14 79.84 79.53 55.35 104.59 55.35 246.06 43.46

27 Shipping (12) 106.07 -0.1 22.06 5.08 6.91 6.91 106.07 106.14 104.17 104.17 92.34 106.07 92.34 246.06 43.46

28 Office Equipment (10) 304.58 -0.1 23.57 6.55 8.78 8.78 304.58 304.80 303.47 303.47 248.91 304.58 248.91 317.00 80.80

29 Miscellaneous (47) 143.28 -0.8 18.26 7.09 8.03 8.03 143.28 144.49 142.98 140.59 140.46 74.17 153.58 74.17 253.73 63.99

30 INDUSTRIAL GROUP (496) 136.93 -0.7 18.24 6.22 8.92 8.92 136.93 136.13 135.59 133.25 74.47 145.43 74.47 253.73 63.99

31 500 SHARE INDEX 151.18 -0.6 16.15 6.04 8.37 8.37 151.18 151.18 148.50 147.83 79.83 156.14 79.83 227.95 63.49

32 FINANCIAL GROUP (100) 123.06 -0.3 18.37 5.00 8.24 8.24 123.06 123.06 120.11 120.11 92.34 123.06 92.34 246.06 43.46

33 Banks (6) 100.10 -0.8 18.37 5.00 8.24 8.24 100.10 100.10 100.10 100.10 92.34 123.06 92.34 246.06 43.46

34 Discount Houses (9) 147.89 -0.1 8.18 8.18 8.18 8.18 147.89 147.89 147.89 147.89 92.34 123.06 92.34 246.06 43.46

35 Hire Purchase (5) 94.38 +0.6 19.04 8.93 7.88 7.88 94.38 94.38 94.38 94.38 92.34 123.06 92.34 246.06 43.46

36 Insurance (Life) (9) 113.53 +0.1 8.91 8.91 8.91 8.91 113.53 113.53 113.53 113.53 92.34 123.06 92.34 246.06 43.46

37 Insurance (Composite) (7) 108.40 -0.1 8.31 8.31 8.31 8.31 108.40 108.40 108.40 108.40 92.34 123.06 92.34 246.06 43.46

38 Insurance (Brokers) (9) 209.93 +0.3 10.04 4.10 14.94 14.94 209.93 209.93 202.11 198.06 88.43 211.50 88.43 262.57 63.99

39 Merchant Banks (19) 86.46 -0.1 8.94 8.94 8.94 8.94 86.46 86.46 86.46 86.46 92.34 123.06 92.34 246.06 43.46

40 Property (32) 164.40 -1.1 8.59 6.33 6.81 6.81 164.40 164.30 161.47 160.30 102.34 164.40 102.34 246.06 43.46

41 Miscellaneous (4) 68.68 +0.6 14.07 9.39 10.58 10.58 68.68 68.68 68.68 68.68 92.34 123.06 92.34 246.

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Housewife conquer Mount Everest?

During the first two weeks of October, Mrs. _____ (name excluded at her request) will attempt to climb a height of 18,000 feet up Mount Everest, starting from Lukla (thought to be the highest strip in the Himalayas) another 10,000 feet and going remains to challenge this intrepid London housewife.

Please sponsor the climb to benefit one of these charities:-

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185/187 High Road, Chadwell Heath, Essex.

Caxton House Settlement
4 Archway Close, London N19 5TD
Church of England CHILDREN'S SOCIETY
Old Town Hall, Kennington Road, London S.E.11

Distressed Gentlefolk's Aid Association
 Vicarage Gate House, Vicarage Gate, Kensington W8 4AQ
 Ex-Services Mental Welfare Society

37 Thurloe Street, London SW7 2LL
Spastics Society
12 Park Crescent, London W.1.

contact the charity of your choice for full details.
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(continued)

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... THE LATEST

THE INDEX

1. INTRODUCTION and

Training and Normal Communication

Business News Summary

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- from LONDON 11/12/52

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1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

...the fact that the *in vitro* and *in vivo* results are in good agreement, and that the *in vivo* results are in good agreement with the results obtained from the *in vitro* studies.

the 1990s, the number of people in the world who are illiterate has increased from 750 million to 850 million. The number of illiterate people in the world is projected to increase to 900 million by the year 2015. The number of illiterate people in the world is projected to increase to 950 million by the year 2020. The number of illiterate people in the world is projected to increase to 1 billion by the year 2025. The number of illiterate people in the world is projected to increase to 1.1 billion by the year 2030. The number of illiterate people in the world is projected to increase to 1.2 billion by the year 2035. The number of illiterate people in the world is projected to increase to 1.3 billion by the year 2040. The number of illiterate people in the world is projected to increase to 1.4 billion by the year 2045. The number of illiterate people in the world is projected to increase to 1.5 billion by the year 2050. The number of illiterate people in the world is projected to increase to 1.6 billion by the year 2055. The number of illiterate people in the world is projected to increase to 1.7 billion by the year 2060. The number of illiterate people in the world is projected to increase to 1.8 billion by the year 2065. The number of illiterate people in the world is projected to increase to 1.9 billion by the year 2070. The number of illiterate people in the world is projected to increase to 2 billion by the year 2075. The number of illiterate people in the world is projected to increase to 2.1 billion by the year 2080. The number of illiterate people in the world is projected to increase to 2.2 billion by the year 2085. The number of illiterate people in the world is projected to increase to 2.3 billion by the year 2090. The number of illiterate people in the world is projected to increase to 2.4 billion by the year 2095. The number of illiterate people in the world is projected to increase to 2.5 billion by the year 2100.

... ..

the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 35 million, and the number of people 75 years of age or older is projected to increase from 10 million to 17 million (U.S. Census Bureau, 1997).

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|---|--|--|---|---|
| Charterhouse Japan Charterhouse Management Co. Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Free World Fund Ltd. Bethesda Ridge, Hamilton, Bermuda NAV Sept. 30, 1974 \$100.45 G.T. Management Ltd. 1974-75 P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Kayserl Mngt. Jersey Ltd. P.O. Box 98, St. Helier, Jersey, Guernsey Tel. 01404 7000 1974-75 | Samuel Montagu Ltd. Agents 114, Old Broad St., L.C.C. Tel. 01-589 8494 1974-75 | Target Trust Mgrs. (Cayman) Ltd. P.O. Box 710, Grand Cayman, Cayman Is. Tel. 01-242-421-1041 1974-75 |
| Australian Selection Fund N.V. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Management International Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Church & Shaxson Mgrs. (Jersey) Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | NAV Pacific Holdings N.V. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Triumph Oceanic Int. Dev. Mgrs. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 |
| Coruhli Ins. (Guernsey) Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Davidson Management Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | NAV Pacific Holdings N.V. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | United States Trust Int'l. Adv. Co. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | World Wide Growth Management Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 |
| Delta Group P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Draper International Int. Fd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Emery Management (Jersey) P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Europe Investment Mngt. Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Global Pacific Int. Fd. Mngt. Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 |
| Harveys Overseas Int. (C. Is.) Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Hill Samuel & Co. (Guernsey) Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Investment Pacific Int. Fd. Mngt. Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | Jersey Bank International Limited P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 | London & Lancashire Int. Fd. Mngt. Ltd. P.O. Box 1040, Hamilton, Bermuda Tel. 1-242-421-1041 1974-75 |
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THE LATEST
"T INDEX" and
Business News Summary
 from **LONDON**
 on **01-246 8026**
 and now from **BIRMINGHAM**
 on **021-246 8026**
 in co-operation with **Post Office**
Telecommunications

FT SHARE INFORMATION SERVICE

| BRITISH FUNDS | | | |
|---------------|--------|--------|--------------------|
| 1975 | High | Low | Each |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1975-1976 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1976-1977 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1977-1978 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1978-1979 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1979-1980 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1980-1981 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1981-1982 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1982-1983 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1983-1984 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1984-1985 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1985-1986 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1986-1987 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1987-1988 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1988-1989 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1989-1990 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1990-1991 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1991-1992 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1992-1993 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1993-1994 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1994-1995 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1995-1996 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1996-1997 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1997-1998 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1998-1999 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 1999-2000 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2000-2001 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2001-2002 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2002-2003 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2003-2004 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2004-2005 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2005-2006 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2006-2007 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2007-2008 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2008-2009 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2009-2010 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2010-2011 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2011-2012 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2012-2013 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2013-2014 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2014-2015 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2015-2016 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2016-2017 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2017-2018 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2018-2019 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2019-2020 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2020-2021 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2021-2022 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2022-2023 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2023-2024 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2024-2025 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2025-2026 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2026-2027 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2027-2028 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2028-2029 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2029-2030 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2030-2031 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2031-2032 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2032-2033 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2033-2034 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2034-2035 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2035-2036 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2036-2037 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2037-2038 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2038-2039 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2039-2040 |
| 99 1/2 | 94 1/2 | 94 1/2 | Scottish 2040-2041 |

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|-----|----|---------------|-----|
| 107 | 62 | De Jan. 1973 | 99% |
| 108 | 62 | De Feb. 1973 | 99% |
| 109 | 62 | De Mar. 1973 | 99% |
| 110 | 62 | De Apr. 1973 | 99% |
| 111 | 62 | De May 1973 | 99% |
| 112 | 62 | De June 1973 | 99% |
| 113 | 62 | De July 1973 | 99% |
| 114 | 62 | De Aug. 1973 | 99% |
| 115 | 62 | De Sept. 1973 | 99% |
| 116 | 62 | De Oct. 1973 | 99% |
| 117 | 62 | De Nov. 1973 | 99% |
| 118 | 62 | De Dec. 1973 | 99% |
| 119 | 62 | De Jan. 1974 | 99% |
| 120 | 62 | De Feb. 1974 | 99% |
| 121 | 62 | De Mar. 1974 | 99% |
| 122 | 62 | De Apr. 1974 | 99% |
| 123 | 62 | De May 1974 | 99% |
| 124 | 62 | De June 1974 | 99% |
| 125 | 62 | De July 1974 | 99% |
| 126 | 62 | De Aug. 1974 | 99% |
| 127 | 62 | De Sept. 1974 | 99% |
| 128 | 62 | De Oct. 1974 | 99% |
| 129 | 62 | De Nov. 1974 | 99% |
| 130 | 62 | De Dec. 1974 | 99% |
| 131 | 62 | De Jan. 1975 | 99% |
| 132 | 62 | De Feb. 1975 | 99% |
| 133 | 62 | De Mar. 1975 | 99% |
| 134 | 62 | De Apr. 1975 | 99% |
| 135 | 62 | De May 1975 | 99% |
| 136 | 62 | De June 1975 | 99% |
| 137 | 62 | De July 1975 | 99% |
| 138 | 62 | De Aug. 1975 | 99% |
| 139 | 62 | De Sept. 1975 | 99% |
| 140 | 62 | De Oct. 1975 | 99% |
| 141 | 62 | De Nov. 1975 | 99% |
| 142 | 62 | De Dec. 1975 | 99% |
| 143 | 62 | De Jan. 1976 | 99% |
| 144 | 62 | De Feb. 1976 | 99% |
| 145 | 62 | De Mar. 1976 | 99% |
| 146 | 62 | De Apr. 1976 | 99% |
| 147 | 62 | De May 1976 | 99% |
| 148 | 62 | De June 1976 | 99% |
| 149 | 62 | De July 1976 | 99% |
| 150 | 62 | De Aug. 1976 | 99% |
| 151 | 62 | De Sept. 1976 | 99% |
| 152 | 62 | De Oct. 1976 | 99% |
| 153 | 62 | De Nov. 1976 | 99% |
| 154 | 62 | De Dec. 1976 | 99% |
| 155 | 62 | De Jan. 1977 | 99% |
| 156 | 62 | De Feb. 1977 | 99% |
| 157 | 62 | De Mar. 1977 | 99% |
| 158 | 62 | De Apr. 1977 | 99% |
| 159 | 62 | De May 1977 | 99% |
| 160 | 62 | De June 1977 | 99% |
| 161 | 62 | De July 1977 | 99% |
| 162 | 62 | De Aug. 1977 | 99% |
| 163 | 62 | De Sept. 1977 | 99% |
| 164 | 62 | De Oct. 1977 | 99% |
| 165 | 62 | De Nov. 1977 | 99% |
| 166 | 62 | De Dec. 1977 | 99% |
| 167 | 62 | De Jan. 1978 | 99% |
| 168 | 62 | De Feb. 1978 | 99% |
| 169 | 62 | De Mar. 1978 | 99% |
| 170 | 62 | De Apr. 1978 | 99% |
| 171 | 62 | De May 1978 | 99% |
| 172 | 62 | De June 1978 | 99% |
| 173 | 62 | De July 1978 | 99% |
| 174 | 62 | De Aug. 1978 | 99% |
| 175 | 62 | De Sept. 1978 | 99% |
| 176 | 62 | De Oct. 1978 | 99% |
| 177 | 62 | De Nov. 1978 | 99% |
| 178 | 62 | De Dec. 1978 | 99% |
| 179 | 62 | De Jan. 1979 | 99% |
| 180 | 62 | De Feb. 1979 | 99% |
| 181 | 62 | De Mar. 1979 | 99% |
| 182 | 62 | De Apr. 1979 | 99% |
| 183 | 62 | De May 1979 | 99% |
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| 185 | 62 | De July 1979 | 99% |
| 186 | 62 | De Aug. 1979 | 99% |
| 187 | 62 | De Sept. 1979 | 99% |
| 188 | 62 | De Oct. 1979 | 99% |
| 189 | 62 | De Nov. 1979 | 99% |
| 190 | 62 | De Dec. 1979 | 99% |
| 191 | 62 | De Jan. 1980 | 99% |
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| 9 | 7.78 | 75 | 25 | Aberdeen Const. | 67 | 1 | 3.56 | 3.9 | 82 | 2.6 | 85 | 85 |
| 8 | 7.78 | 94 | 32 | Aberthaw Const. | 94 | +2 | 5.50 | 2.8 | 86 | 6.8 | 116 | 116 |
| 7 | 5.95 | 85 | 25 | Alford Planting | 25 | | 10.65 | 1.7 | 87 | 2.1 | 23 | 23 |
| 6 | | 85 | 30 | Ang. Am. Apple II | 30 | +1 | 4.17 | 1.1 | 88 | 1.4 | 26 | 26 |
| 5 | | 73 | 64 | Ang. Am. Apple III | 64 | +1 | 4.17 | 1.1 | 88 | 1.4 | 26 | 26 |
| 4 | | 181 | 63 | A.P. Cement I | 21 | -4 | 7.13 | 2.1 | 94 | 1.1 | 26 | 26 |
| 3 | | 103 | 64 | A.P. Cement II | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| 2 | | 103 | 64 | A.P. Cement III | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| 1 | | 103 | 64 | A.P. Cement IV | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
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| | | 103 | 64 | A.P. Cement XXXXX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVI | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVIII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXIX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVI | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVIII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXIX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVI | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVIII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXIX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVI | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVIII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXIX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVI | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVIII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXIX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXX | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVI | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | A.P. Cement XXXXVIII | 172 | | 14.65 | 2.5 | 94 | 1.1 | 26 | 26 |
| | | 103 | 64 | | | | | | | | | |

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ARE INFORMATION

| BUILDING INDUSTRY—Continued | | | | | | | | | | | | | | DRAPEY AND | | | | | | | | | | | | | |
|-----------------------------|----|-----------------|-------|-------|-----|------|-----|-----|-----|-------------|-----|-------------------|-------------|------------|-------|-------------|-----|------|-------------|-----|-----|-------------|-----|----|--|--|--|
| 1917 % Ch. & Low | | Stock | Price | % Ch. | Net | Ctr. | Gr. | Tr. | Gr. | Tr. | Gr. | HIS High & Low | | Stock | Price | % Ch. | Net | Ctr. | Gr. | Tr. | Gr. | Tr. | Gr. | | | | |
| 15 | 24 | Numbers (Bldg.) | 37 | 1.95 | 28 | 8.2 | 6.6 | 23 | 16 | Upton (2) A | 23 | 16 | Upton (2) A | 23 | 16 | Upton (2) A | 23 | 16 | Upton (2) A | 23 | 16 | Upton (2) A | 23 | 16 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 10 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | Vermont | 23 | 52 | | | |
| 24 | 24 | Norwich | 498 | 2.6 | 6.8 | 4.1 | 5.8 | 8.8 | 1 | | | | | | | | | | | | | | | | | | |

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|----|----|-------------------|------|------|-----|------|------|-----|-----|-----|-------------------|----|
| 15 | 15 | Melittas Top | 2012 | 0.96 | 2.0 | 7.3 | 10.5 | 13 | 63 | 20 | Casper Index | 13 |
| 16 | 16 | Bell & Barrington | 38 | 0.45 | 5.0 | 10.1 | 17 | 31 | 36 | 14 | Concurrent Top | 14 |
| 17 | 17 | W. H. H. & Co. | 38 | 0.45 | 5.0 | 10.1 | 17 | 31 | 36 | 14 | Concurrent Top | 14 |
| 18 | 18 | Deo A' NV | 57 | 1.82 | 1.8 | 1.6 | 1.7 | 5 | 194 | 10 | Crown House Index | 10 |
| 19 | 19 | Holens Lee | 38 | 0.5 | 4.8 | 9.1 | 3.5 | 193 | 434 | 32 | Common 7894 | 32 |
| 20 | 20 | W. H. H. & Co. | 38 | 0.45 | 5.0 | 10.1 | 17 | 31 | 36 | 14 | Concurrent Top | 14 |
| 21 | 21 | W. H. H. & Co. | 38 | 0.45 | 5.0 | 10.1 | 17 | 31 | 36 | 14 | Concurrent Top | 14 |
| 22 | 22 | Bayne & Co. | 36 | 2.14 | 1.6 | 9.1 | 9.1 | 10 | 10 | 10 | Druck & M. J. Sp. | 10 |
| 23 | 23 | Highlight Sp. | 74 | 2.16 | 2.1 | 5 | 2.5 | 13 | 13 | 13 | Day Inc. | 13 |
| 24 | 24 | James Churn | 74 | 2.1 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | Day Inc. | 13 |
| 25 | 25 | James Churn | 74 | 2.1 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | Day Inc. | 13 |
| 26 | 26 | James Churn | 74 | 2.1 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | Day Inc. | 13 |
| 27 | 27 | James Churn | 74 | 2.1 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | Day Inc. | 13 |
| 28 | 28 | James Churn | 74 | 2.1 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | Day Inc. | 13 |
| 29 | 29 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 30 | 30 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 31 | 31 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 32 | 32 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 33 | 33 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 34 | 34 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 35 | 35 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 36 | 36 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 37 | 37 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 38 | 38 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 39 | 39 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 40 | 40 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 41 | 41 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 42 | 42 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 43 | 43 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 44 | 44 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 45 | 45 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 46 | 46 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 47 | 47 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 48 | 48 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 49 | 49 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 50 | 50 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 51 | 51 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 52 | 52 | House of Lowes | 34 | 1.99 | 2.4 | 1.5 | 3.9 | 12 | 67 | 67 | Devoted 50 | 67 |
| 53 | 53 | | | | | | | | | | | |

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ON SERVICE

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| | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 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2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2433 | 2434 | 2435 | 2436 | 2437 | 2438 | 2439 | 2440 | 2441 | 2442 | 2443 | 2444 | 2445 | 2446 | 2447 | 2448 | 2449 | 2450 | 2451 | 2452 | 2453 | 2454 | 2455 | 2456 | 2457 | 2458 | 2459 | 2460 | 2461 | 2462 | 2463 | 2464 | 2465 | 2466 | 2467 | 2468 | 2469 | 2470 | 2471 | 2472 | 2473 | 2474 | 2475 | 2476 | 2477 | 2478 | 2479 | 2480 | 2481 | 2482 | 2483 | 2484 | 2485 | 2486 | 2487 | 2488 | 2489 | 2490 | 2491 | 2492 | 2493 | 2494 | 2495 | 2496 | 2497 | 2498 | 2499 | 2500 | 2501 | 2502 | 2503 | 2504 | 2505 | 2506 | 2507 | 2508 | 2509 | 2510 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2517 | 2518 | 2519 | 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | 2529 | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | 2538 | 2539 | 2540 | 2541 | 2542 | 2543 | 2544 | 2545 | 2546 | 2547 | 2548 | 2549 | 2550 | 2551 | 2552 | 2553 | 2554 | 2555 | 2556 | 2557 | 2558 | 2559 | 2560 | 2561 | 2562 | 2563 | 2564 | 2565 | 2566 | 2567 | 2568 | 2569 | 2570 | 2571 | 2572 | 2573 | 2574 | 2575 | 2576 | 2577 | 2578 | 2579 | 2580 | 2581 | 2582 | 2583 | 2584 | 2585 | 2586 | 2587 | 2588 | 2589 | 2590 | 2591 | 2592 | 2593 | 2594 | 2595 | 2596 | 2597 | 2598 | 2599 | 2600 | 2601 | 2602 | 2603 | 2604 | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2612 | 2613 | 2614 | 2615 | 2616 | 2617 | 2618 | 2619 | 2620 | 2621 | 2622 | 2623 | 2624 | 2625 | 2626 | 2627 | 2628 | 2629 | 2630 | 2631 | 2632 | 2633 | 2634 | 2635 | 2636 | 2637 | 2638 | 2639 | 2640 | 2641 | 2642 | 2643 | 2644 | 2645 | 2646 | 2647 | 2648 | 2649 | 2650 | 2651 | 2652 | 2653 | 2654 | 2655 | 2656 | 2657 | 2658 | 2659 | 2660 | 2661 | 2662 | 2663 | 2664 | 2665 | 2666 | 2667 | 2668 | 2669 | 2670 | 2671 | 2672 | 2673 | 2674 | 2675 | 2676 | 2677 | 2678 | 2679 | 2680 | 2681 | 2682 | 2683 | 2684 | 2685 | 2686 | 2687 | 2688 | 2689 | 2690 | 2691 | 2692 | 2693 | 2694 | 2695 | 2696 | 2697 | 2698 | 2699 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 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| 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| 30 | 16 1/2 | 2.32 | 1.11 | 9.19 | 55 | 35 | Sumpter | 33 | + | + |
| 30 | 16 1/2 | 40.12 | 7.71 | 1.91 | 44 | 55 | Spillers | 42 | + | + |
| 30 | 16 1/2 | 40.12 | 7.71 | 1.91 | 44 | 55 | Spiral H. 23 p. | 42 | + | + |
| 49 | 7 | 1.11 | 2.7 | 9.8 | 58 | 19 | Socks on top | 23 | + | + |
| 49 | 7 | 3.71 | 3.2 | 10.7 | 44 | 25 | Socks on top | 23 | + | + |
| 37 | 10 1/2 | 4.64 | 1.2 | 1.2 | 25 | 38 | Spencer H. 23 p. | 66 | + | + |
| 37 | 10 1/2 | 4.64 | 1.2 | 1.2 | 25 | 38 | Tesco | 47 | - | 1.22 |
| 37 | 10 1/2 | 4.64 | 1.2 | 1.2 | 25 | 38 | United Biscuits | 49 | + | 2.76 |
| 35 | 25 | 1.65 | 3.3 | 9.2 | 51 | 105 | Vincent (Fruit) | 76 | + | 2.84 |
| 35 | 25 | 1.65 | 3.3 | 9.2 | 51 | 105 | Walls (F. 23 p.) | 84 | + | 2.84 |
| 22 1/2 | 30 | 1.91 | 3.7 | 5.7 | 72 | 72 | Walton Phil. top | 74 | + | 5.05 |
| 22 1/2 | 30 | 1.91 | 3.7 | 5.7 | 72 | 72 | Whiteland | 157 | + | 5.05 |
| 21 1/2 | 30 | 1.91 | 3.7 | 5.7 | 72 | 72 | | | | |
| 21 1/2 | 30 | 1.91 | 3.7 | 5.7 | 72 | 72 | | | | |
| 100 | 76 | 5.28 | 1.4 | 8.1 | 22 | 22 | | | | |
| 76 | 68 | 2.05 | 2.2 | 11.8 | 54 | 140 | | | | |
| 76 | 68 | 2.05 | 2.2 | 11.8 | 54 | 140 | | | | |
| 305 | 31 | 1.22 | 4.4 | 6.5 | 54 | 32 | | | | |
| 305 | 31 | 1.22 | 4.4 | 6.5 | 54 | 32 | | | | |
| 67 | 50 | 4.05 | 3.7 | 8.1 | 45 | 35 | | | | |
| 67 | 50 | 4.05 | 3.7 | 8.1 | 45 | 35 | | | | |
| 67 | 50 | 4.05 | 3.7 | 8.1 | 45 | 35 | | | | |

| HOTELS—Continued | | | | | | | | | |
|------------------|-----|------------------|--------------------|-------|-----------|-----------|--|--|--|
| | | 1975 High Low | Stock | Price | Div Yr | Chg Cm | | | |
| 140 | 140 | 140 | Muralist Hotel Co. | 140 | 95 | 025% | | | |
| 99 | 99 | 99 | Lafayette Hpt. | 99 | 99 | 99 | | | |
| 144 | 144 | 144 | Lafayette Hpt. | 144 | 144 | 144 | | | |
| 78 | 78 | 78 | Lafayette Hpt. | 78 | 78 | 78 | | | |
| 684 | 684 | 684 | Lafayette Hpt. | 684 | 684 | 684 | | | |
| 74 | 74 | 74 | Lafayette Hpt. | 74 | 74 | 74 | | | |
| 53 | 53 | 53 | Lafayette Hpt. | 53 | 53 | 53 | | | |
| 43 | 43 | 43 | Lafayette Hpt. | 43 | 43 | 43 | | | |
| 13 | 13 | 13 | Lafayette Hpt. | 13 | 13 | 13 | | | |
| 28 | 28 | 28 | Lafayette Hpt. | 28 | 28 | 28 | | | |
| 46 | 46 | 46 | Lafayette Hpt. | 46 | 46 | 46 | | | |
| 27 | 27 | 27 | Lafayette Hpt. | 27 | 27 | 27 | | | |
| 29 | 29 | 29 | Lafayette Hpt. | 29 | 29 | 29 | | | |
| 15 | 15 | 15 | Lafayette Hpt. | 15 | 15 | 15 | | | |
| 25 | 25 | 25 | Lafayette Hpt. | 25 | 25 | 25 | | | |
| 15 | 15 | 15 | Lafayette Hpt. | 15 | 15 | 15 | | | |
| 40 | 40 | 40 | Lafayette Hpt. | 40 | 40 | 40 | | | |
| 75 | 75 | 75 | Lafayette Hpt. | 75 | 75 | 75 | | | |
| 17 | 17 | 17 | Lafayette Hpt. | 17 | 17 | 17 | | | |
| 12 | 12 | 12 | Lafayette Hpt. | 12 | 12 | 12 | | | |
| 18 | 18 | 18 | Lafayette Hpt. | 18 | 18 | 18 | | | |
| 2 | 2 | 2 | Lafayette Hpt. | 2 | 2 | 2 | | | |
| 49 | 49 | 49 | Lafayette Hpt. | 49 | 49 | 49 | | | |
| 9 | 9 | 9 | Lafayette Hpt. | 9 | 9 | 9 | | | |
| 34 | 34 | 34 | Lafayette Hpt. | 34 | 34 | 34 | | | |
| 9 | 9 | 9 | Lafayette Hpt. | 9 | 9 | 9 | | | |
| 35 | 35 | 35 | Lafayette Hpt. | 35 | 35 | 35 | | | |
| 1 | 1 | 1 | Lafayette Hpt. | 1 | 1 | 1 | | | |
| 2 | 2 | 2 | Lafayette Hpt. | 2 | 2 | 2 | | | |
| 10 | 10 | 10 | Lafayette Hpt. | 10 | 10 | 10 | | | |
| 25 | 25 | 25 | Lafayette Hpt. | 25 | 25 | 25 | | | |
| 12 | 12 | 12 | Lafayette Hpt. | 12 | 12 | 12 | | | |
| 9 | 9 | 9 | Lafayette Hpt. | 9 | 9 | 9 | | | |
| 14 | 14 | 14 | Lafayette Hpt. | 14 | 14 | 14 | | | |
| 27 | 27 | 27 | Lafayette Hpt. | 27 | 27 | 27 | | | |
| 42 | 42 | 42 | Lafayette Hpt. | 42 | 42 | 42 | | | |
| 24 | 24 | 24 | Lafayette Hpt. | 24 | 24 | 24 | | | |
| 88 | 88 | 88 | Lafayette Hpt. | 88 | 88 | 88 | | | |
| 31 | 31 | 31 | Lafayette Hpt. | 31 | 31 | 31 | | | |
| 136 | 136 | 136 | Lafayette Hpt. | 136 | 136 | 136 | | | |
| 42 | 42 | 42 | Lafayette Hpt. | 42 | 42 | 42 | | | |
| 57 | 57 | 57 | Lafayette Hpt. | 57 | 57 | 57 | | | |
| 27 | 27 | 27 | Lafayette Hpt. | 27 | 27 | 27 | | | |
| 41 | 41 | 41 | Lafayette Hpt. | 41 | 41 | 41 | | | |
| 9 | 9 | 9 | Lafayette Hpt. | 9 | 9 | 9 | | | |
| 63 | 63 | 63 | Lafayette Hpt. | 63 | 63 | 63 | | | |
| 68 | 68 | 68 | Lafayette Hpt. | 68 | 68 | 68 | | | |
| 19 | 19 | 19 | Lafayette Hpt. | 19 | 19 | 19 | | | |
| 95 | 95 | 95 | Lafayette Hpt. | 95 | 95 | 95 | | | |
| 103 | 103 | 103 | Lafayette Hpt. | 103 | 103 | 103 | | | |

[illegible][illegible][illegible][illegible]

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|-----|----|----|-----|-----|-----------------|-----|---|------|-----|
| 1 | 10 | 1 | 371 | 10 | G.R.A. Trust 10 | 120 | 4 | 0.38 | 0 |
| 2 | 18 | 2 | 252 | 21 | Guthrieham | 130 | 4 | 1.14 | 0 |
| 3 | 10 | 1 | 184 | 175 | 144 | 144 | 1 | 1.22 | 1 |
| 4 | 21 | 5 | 534 | 196 | Gibbons Durley | 75 | 2 | 0.42 | 0 |
| 5 | 0 | 61 | 0 | 81 | 81 | 81 | 5 | 2.47 | 4.3 |
| 6 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.42 | 0 |
| 7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2.35 | 3.0 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 12 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 13 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 14 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 15 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 16 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 19 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 23 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 24 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 25 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 26 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 27 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 28 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 29 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 30 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 31 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 32 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 33 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 34 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 35 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 36 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 37 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 38 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 39 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 40 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 41 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 42 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 43 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 44 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 45 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 46 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 47 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 48 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 49 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 50 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 51 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 52 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 53 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 54 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 55 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 56 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 57 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 58 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 59 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 60 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 61 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 62 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 63 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 64 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 65 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 66 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 67 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 68 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 69 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 70 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 71 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 72 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 73 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 74 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 75 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 76 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 77 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 78 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 79 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 80 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 81 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 82 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 83 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 84 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 85 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 86 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 87 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 88 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 89 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 90 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 91 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 92 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 93 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 94 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 95 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 96 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 97 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 98 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 99 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |
| 100 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.98 | 2.7 |

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|-----|----|----|------------------|----|------|------|
| 4.7 | 1 | 5 | Barney's Fall 5p | 15 | 1.52 | 2.41 |
| 4.7 | 13 | 15 | Bay (Norman) 10p | 20 | 1.54 | 2.41 |
| 4.7 | 18 | 15 | Bay's Wharf 10p | 20 | 1.54 | 2.41 |
| 4.7 | 19 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 21 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 22 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 23 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 24 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 25 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 26 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 27 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 28 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 29 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 30 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 31 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 32 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 33 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 34 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 35 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 36 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 37 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 38 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 39 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 40 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 41 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 42 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 43 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 44 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 45 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 46 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 47 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 48 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 49 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 50 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 51 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 52 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 53 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 54 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 55 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 56 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 57 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 58 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 59 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 60 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 61 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 62 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 63 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 64 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 65 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 66 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 67 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 68 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 69 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 70 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 71 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 72 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 73 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 74 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 75 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 76 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 77 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 78 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 79 | 15 | Bencher's 10p | 20 | 1.54 | 2.41 |
| 4.7 | 80 | 15 | Bencher's 10p | 20 | 1.54 | |

"Recent Issues" and "Rights" Page 28

Stonehouse expects to make Commons statement soon

BY PHILIP RAWSTORNE

MR. JOHN STONEHOUSE, Labour MP for Walsall North, who was yesterday accused of further offences over his application for legal aid, said last night that he was confident that he would be allowed to make a personal statement to the Commons in the next few days.

Speaking after his 40-minute meeting with the Speaker, Mr. Selwyn Lloyd, Mr. Stonehouse said that the statement would not be concerned with the criminal charges against him.

"I have no worry about the courts and do not want to use a personal statement as part of my defence," he declared.

Mr. Stonehouse, who is accused of an attempted £125,000 insurance fraud and the theft of more than £21,000 from the funds of a London export company, had earlier successfully applied for the adjournment of his committal proceedings against him at the High Court so that he could attend the Commons.

He entered the Commons Chamber just after 3.30 p.m. and

stood at the Bar of the House for a few minutes, listening impassively to a protest by Mr. Max Madden, Labour MP for Soverby, who told the Speaker that a statement from Mr. Stonehouse would "not be universally welcome".

The Speaker, cutting the protest short, said that it was a matter for him to decide whether a statement should be made and to approve its contents.

Mr. Stonehouse, ignored by both nearby Labour and Tory MPs, left the Chamber as the Commons began to debate the Community Land Bill but he later voted with the Government in one division.

Working in the Commons Library—his old office and desk have been allocated to another MP—Mr. Stonehouse tabled a number of questions to the Home Secretary about the interception of his mail while he was on remand in prison.

Mr. Stonehouse said last night that he intended to return to the Commons to-day to table

further questions and would be in "constant communication" with the Speaker about his statement.

As the committal proceedings on 31 charges of theft, forgery, conspiracy and attempted fraud opened yesterday, Mr. Stonehouse was accused on two further counts of lying over his application for legal aid.

Outlining the main prosecution case against Mr. Stonehouse and his former secretary Mrs. Sheila Buckley, who is also charged with theft and conspiracy, Mr. David Tudor Price alleged that Mr. Stonehouse had become acutely aware of his debts last year and had begun an elaborate plan to fabricate his death and to get funds in false names in Switzerland and Australia.

Mr. Tudor Price alleged that Mr. Stonehouse had approached the widows of two men who had died in a Walsall hospital and had obtained details about their lives which enabled him to pose later as either of the dead men. He had stolen money from

Export Promotion and Consultancy Services of which both he and Mrs. Buckley were directors and had run up substantial credit card debts.

Mr. Tudor Price said that proposal forms for life insurance signed by his wife had enabled him to take out short-term policies for more than £125,000 with five British companies.

To prepare for his disappearance Mr. Stonehouse was said to have opened bank accounts in false names in London and with Australian and Swiss banks.

Of Mrs. Buckley, Mr. Tudor Price said: "She was not just a loyal secretary following instructions but knew the plan and, being his mistress, was going to join him in a new life overseas."

Conspiratorial letters, some in a form of code, passed between them after he had reached Australia.

The committal proceedings, which are expected to last a fortnight, will resume to-day.

Court hearing Page 10

Doctors set talks deadline

BY Lordes Oslager, Labour Staff

JUNIOR HOSPITAL doctors went on strike in Plymouth and refused to treat any but emergency cases in a number of other towns yesterday to protest against the new contract offered to them by the Government.

Stepped-up protest action is also being threatened by their national organisation if the Department of Health and Social Security does not agree to further talks by Thursday.

At a meeting last night junior hospital doctors and dentists at Stoke Mandeville Hospital, Aylesbury, and associate hospitals, decided upon a total 24-hour strike on Thursday to "emphasise their dissatisfaction with the new contract negotiations."

The protest action yesterday was less widespread than initially threatened, because the Department put off implementation of the controversial new contract—under which about one third of the country's 19,000 junior doctors would earn less than at present—and said it was ready for further talks. But no meeting with the junior doctors' negotiators had been arranged by late last night.

Normal duties

On Thursday, the Hospital Junior Staff Committee of the British Medical Association and the Junior Hospital Doctors Association, will meet in London to discuss the situation. If they have not got anywhere with the Government by then, they are threatening to "consider what action should be taken."

The Plymouth doctors will resume normal duties to-day after their 24-hour strike pending not only Thursday's meeting, but also talks they have arranged with Dr. David Owen, MP for Plymouth, Devonport, and Minister of State for Health, next Saturday. Yesterday, consultants at the five Plymouth hospitals took over treatment of emergency cases.

Spokesmen for the Junior Hospital Doctors' Association yesterday accused Mrs. Barbara Castle, the Secretary for Social Services, of having gone back on her word. "Nobody should suffer a loss of earnings as a result of the new contract," she said.

Hints of spending switch, Page 8

THE LEX COLUMN

Querying Glaxo's growth status

Index fell 3.5 to 335.9

At the time of the June rights issue it was said to be too early for Glaxo to forecast its second-half results. But the pressures on margins were already visible at the interim stage, when pre-tax profits were unchanged, and for the full year they emerged £1.2m, lower at £41.4m. The pattern contrasts, however, with sales trends, for the first half's 21 per cent. growth accelerated to 25 per cent. in January-June.

It would appear that Glaxo's margin difficulties arise from the fact that most of its improvement in turnover stems from volume—up by 17 or 18 per cent.—rather than prices, thus increasing the impact of soaring raw material costs. Indeed, it is a fair conclusion that many product prices have actually been falling—at least in terms of overseas currencies; this is certainly true of bulk products like penicillins, which until recently have been earning useful returns.

After all, many of Glaxo's U.K. prices were said to have

fundamentally improved by the impact of the £30m. rights issue. By the second half, though, new products should become a positive factor, and slightly further ahead the projected moves into the U.S. market could add significant potential. The trouble is the yield of 3.7 per cent. at 350p, and the pre-rights p/e of almost 13, do not leave any room for patience.

Magnet/Southern

The agreed merger between Magnet Joinery and Southern Evans looks a natural—and it also raises intriguing thoughts about dividend controls. Magnet is to get just over 55 per cent. of the equity in a new company, which is a shade more than its contribution to assets and profits. But its shares have always been rated more highly than Southern's, and last night they fell 8p to 130p, which is exactly where they should be under the merger terms, with Southern standing at 92½p.

The fun is, however, that the merged Magnet and Southern is a new company, and as such is free from dividend controls for two years. Last year the two companies' payments were each covered six times or more; the new group is forecasting a dividend at roughly twice the rate of its two constituents. The prospective yield at current prices is 8½ per cent., so this really may be a case where two plus two makes five in stock market terms.

Of course there is much more to it than that. Southern has a substantial amount of joinery work to go through Magnet's factories, and will add 100 depots to Magnet's existing 117. The new group will have a very strong balance sheet, with over £33m. of net assets, cash of about £5m. and negligible debt. The combined market capitalisation of £29m. has definite attractions.

Duport

The slump in U.K. steel consumption depressed GKN's forecasting sights last month: it now claims another victim. Six months' profits from Duport are down by £3.8m. to £1.47m. pre-tax, and the group "will do well" if the current half-year can match this performance: in

1974-75 profits totalled £1.47m. Thus the rights issue for May that a maintained dividend would be "amply" is looking distinctly

Duport's profits forecast implies a reduction in 1.3 times on average from an historic 4.5. Steelmaking is the area with the re-roll bright drawing units but relatively well. The divisions overall accounted for 90 per cent. of pre-interest last year, but with tonnage down 18 per cent. 32 per cent. in the second quarters this (against industry average per cent. and 28 per cent. operations concerned actual production have badly into the red. These losses are now being tamed, while Duport rear cut its workforce by a sixth. The balance sheet 1974-75 strongly and rowings still represent a third of shareholder But a yield of 2.2 per cent. 41p, down 51p, seems small consolation to shareholders who took rights at 45p.

Airco

The prospectus for \$75m. debenture offers U.S. provides extra thinking that BOC, the new group is forecasting a dividend at roughly twice the rate of its two constituents. The prospective yield at current prices is 8½ per cent., so this really may be a case where two plus two makes five in stock market terms.

The Federal Trade Commission's ruling on BOC's is expected any day. It is adverse, BOC will case through the open and it still claims a string of willing buyers else fails.

'Green £' devaluation proposed

By Robin Reeves

LUXEMBOURG, Oct. 13. THE BRITISH dairy industry's campaign for a higher milk price to cope with the steep rise in costs bore fruit here this evening when a formal proposal to devalue the Green Pound by 5.5 per cent. was placed on the table of the EEC Council of Agricultural Ministers meeting by the European Commission.

If, as expected, the proposal is approved by the Council to-morrow, British dairy producers stand to gain an extra 2.3p a gallon. The retail price of milk, on the other hand, is likely to go up by 1.5p a pint at the end of the month instead of just 1p as planned. The only way this could be avoided would be by increasing the consumer subsidy on milk and milk products presently running at £270m. in the full year.

A further rise in bacon, canned hams and other processed pig meat product prices is also virtually certain when the devaluation goes through. However, the Commission's proposal evidently allows for the impact on other food products to be staggered. The effect on beef would be delayed until after Christmas and on cereals until the start of the new season on August 1, 1976. Thus the price of bread and other grain-based food items will be isolated from the effect of the devaluation for the time being.

The green pound is the exchange rate between sterling and the EEC's national currency, the unit of account for agricultural purposes. Devaluation has the practical effect of raising official agricultural prices to U.K. farmers and cutting the EEC subsidies, worth millions of pounds a month on many of Britain's food imports.

This latest move—there was a 5 per cent. green pound devaluation last July—brings British farm prices closer into line with common EEC levels.

There is expected to be pressure from some member Governments for amendments before its return to the Council for expected formal approval by Ministers to-morrow morning. At the same time, the Commission announced it was opening formal legal proceedings against France with the aim of persuading the French Government to lift its illegal 12 per cent. tariff against cheap Italian wine imports.

Crown Agent guarantees expected to-day

BY MARGARET REID

EXPLICIT Government assurances of support for, and guarantees of, the Crown Agents, in face of a position of technical insolvency resulting from the past year's losses are expected to be spelt out to-morrow or on Thursday.

The assurances are looked for in a statement in Parliament by Mr. George Prentice, Minister for Overseas Development, coinciding with the publication of the 1974 accounts of the Agents, who last year received an £85m. official grant to fend off a financial crisis.

The accounts are likely to show a large loss, after provision of some £130m. as a consequence of the past involvement of the Agents—who handle purchasing and investment for 90 overseas Governments—in the troubled secondary banking and property sectors.

The losses disclosed will not be completely covered by the £85m. grant and previous resources, and the relatively small gap will involve what will, in a technical sense, be a degree of insolvency. However, since the Agents are not an incorporated body, there will be no need for a further grant, at least at this stage.

Reiterated assurances of full Government support will verify the Agents' position while the exact pattern of their long-term future organisation is considered. There is a healthy cash position at the Agents, where banker and industrialist Mr. John Cuckney became chairman a year ago and began the process of disengagement from secondary banking and property. Since the Government's backing for the Agents was made clear at the time of the grant's announcement last December, deposits have risen to near-record levels.

In his statement, Mr. Prentice is also expected to deal with the point, which has been raised, that the Agents are not a bank or a licensed moneylender, and therefore that some doubt might be expressed as to their right to reclaim money they had lent. This question is thought to have been ventilated in relation to the Agents' claims in connection with the settlement of the affairs of certain of their large creditors, notably the troubled Stern group, to which it has loans of nearly £40m. outstanding.

Mr. Prentice is likely to refer to this subject and to indicate

in what way the Government can help.

It would be surprising if there was not considerable understanding on the Opposition side for the Government's approach to the problems accumulated in the past by the Agents, since the events leading up to the large losses to be disclosed took place under both Conservative and Labour administrations. In particular, the unpublished report on the Agents in 1973 by the former senior civil servant Sir Matthew Stevenson was presented before the present Labour Government took office in 1974.

Consideration of the Crown Agents' future organisation is likely to be a relatively long-term process, perhaps being conducted on the basis of the production, in due course, of a Government Green Paper or White Paper. This would allow the Agents' many overseas customers or "principals" to be consulted at leisure.

The eventual pattern could be some form of statutory company or public corporation for the on-going activities, while the diminishing secondary banking and property business was handled under different arrangements.

New total of jobless teachers increases NUT fears

BY MICHAEL DIXON, EDUCATION CORRESPONDENT

ALMOST 5,300 unemployed school teachers were seeking jobs last month—an increase of more than 20 per cent. on the corresponding figure in September, 1974—according to the Department of Employment last night.

The reaction of the National Union of Teachers was one of dismay, especially since, as an NUT spokesman said, the Employment Department's figure would leave out of account many jobless teachers who had not registered as unemployed.

"This increases our fears of what may happen next year," the spokesman added.

The Department of Employment's announcement followed the launching in London of a campaign to have education services exempted from the Government's standstill on local authority spending. The campaign, which will culminate in a rally and lobby of Parliament on October 31, is being organised by the Council for Educational Advance, in which the National Union of Teachers plays a leading role.

The council yesterday drew attention to "disastrous" economy measures being planned among the local education authorities in the train of the Government standstill.

These included "worsening" of the teacher/pupil ratio, which at present is estimated at about one teacher to every 20.5 pupils in State schools in England and Wales, and in some authorities the substitution of textured vegetable protein for meat in some of each week's school dinners, or the serving of bread or rice in place of potatoes on all but two days of the week.

"If we fail to invest in our children's education," now declared Mr. Cyril Eyle, the council's chairman, "we are sabotaging not only each child's chances in the future, but also those of the country as a whole."

Weather

U.K. TO-DAY
MOST areas cloudy. Rain at times. Brighter, showery weather spreading to W. later. Rather cold in Central and E. districts. Near-normal temps. likely in W.
London, S.E., Cent. S., E., Cent. N. England, E. Anglia, Midlands. Cloudy. Outbreaks of rain. Wind variable, light to S. moderate. Rather cold. Max. 12C (54F).
Channel Islands, S.W. England, Wales, Isle of Man, N. Ireland.

BUSINESS CENTRES

| | Y-day | Mid-day | Y-day | Mid-day | |
|--------------|-------|---------|----------------|---------|------|
| Amsterdam | C 10 | F 12 | Madrid | C 10 | F 12 |
| Antwerp | C 10 | F 12 | Moscow | C 10 | F 12 |
| Bahra | C 10 | F 12 | Munich | C 10 | F 12 |
| Barcelona | C 10 | F 12 | Nairobi | C 10 | F 12 |
| Bombay | C 10 | F 12 | New York | C 10 | F 12 |
| Buenos Aires | C 10 | F 12 | Oslo | C 10 | F 12 |
| Calcutta | C 10 | F 12 | Paris | C 10 | F 12 |
| Canton | C 10 | F 12 | Perth | C 10 | F 12 |
| Cebu | C 10 | F 12 | Rangoon | C 10 | F 12 |
| Hankow | C 10 | F 12 | Reykjavik | C 10 | F 12 |
| Hong Kong | C 10 | F 12 | Rio de Janeiro | C 10 | F 12 |
| Kobe | C 10 | F 12 | Rome | C 10 | F 12 |
| London | C 10 | F 12 | Singapore | C 10 | F 12 |
| Luxembourg | C 10 | F 12 | Stockholm | C 10 | F 12 |
| | | | Strasbourg | C 10 | F 12 |
| | | | Tokyo | C 10 | F 12 |
| | | | Toronto | C 10 | F 12 |
| | | | Warsaw | C 10 | F 12 |
| | | | Zurich | C 10 | F 12 |

Way cleared for full oil conference

BY RICHARD JOHNS

PARTICIPANTS at the meeting here called to prepare for a dialogue between the industrialised countries and the developing world agreed to-day without difficulty on the number of representatives each side will have at the full conference.

They also decided that the first session should take place on December 16 here in Paris at Ministerial level and last for two days, with provision for a third day, significantly just before the OPEC Ministerial meeting scheduled for December 30.

As outlined in the French "consensus" memorandum, the industrialised countries will have eight representatives at the dialogue, and the developing countries 18—though the number of oil-producing states in the second category is not defined.

This broad numerical outline was not objected to by the U.K. component within the EEC delegation—though "without prejudice" to its claim for an individual seat.

To-night, Sig. Casildo Guazotoni, leader of the EEC delegation, confirmed that the dialogue would be settled in the "competent" group.

Later, Mr. Charles Robinson, U.S. under-secretary of State, leading the U.S. delegation, caused surprise when he said it would be for the U.S., the EEC

and Japan to decide how their number should be expanded from three to eight.

He added: "We obviously will work very closely with the OECD on this, but under the rules established by the group of Ten the three will have to make the decision."

In complete contrast to last April's abortive affair, the second preparatory meeting here started smoothly and made progress.

There was complete acceptance on the part of the industrialised countries that the oil-producing and other developing countries should be treated as one bloc, which could be seen as a recognition of the identity of interest emphasised by OPEC.

From the outset, the U.S. stressed its determination that the path towards a full dialogue should be cleared as soon as possible without wrangling.

The chances of this preparatory meeting being over within the maximum of three days prescribed by the French look good.

In pre-conference consultations, Mr. Robinson argued that potentially contentious issues should be deferred until full conference or if possible settled through diplomatic channels.

In particular, relations between, and the status of, the four Commissions dealing with the problems of energy, raw materials, development and finance, including international monetary order, have to be resolved.

To-day, Algeria agreed to a proposal that the strict definition of the role of the Commissions should be postponed and discussions on them here limited to their "general orientation."

Under the consensus, each would have 15 members and two co-chairmen, one from each bloc. The memorandum says: "In fixing the composition of its representation in each Commission, each of the two groups making up the conference will choose from among its members those which by virtue of their particular interests, as well as their general significance, can participate to advance deliberations effectively and responsibly."

However, the one studying financial aspects of energy, raw materials and development would be different insofar as it would be composed of members from the other Commissions.

Mr. Robinson's opening address was delicately phrased in such a way that it would not arouse the susceptibilities of the four oil-producing States (Saudi Arabia, Iran, Venezuela and Algeria) and of the three other developing

nations (India, Brazil and Zaire) represented here.

The EEC statement was somewhat more forthright in its assertion that the problems of raw materials development and their related financial aspects were already being dealt with "in other international circles."

It suggested that in "these fields we should look for contributions which appear appropriate and give necessary impetus to the work which is being carried out in the other circles."

Robert Graham adds from Tehran: Contacts since the April breakdown of the producer-consumer "dialogue" talks have led to a much more hopeful atmosphere. Mr. Jamshid Amouzegar, the Minister of the Interior, said to-day.

Mr. Amouzegar, who is also responsible for OPEC affairs, said: "We detect a change for the better in the letters and contacts we have had during the summer."

Industrialised countries "now see that we have a point in saying that the purchasing power of our income should be protected."

"We see their point that the burden of price increases should not be unfairly borne on the shoulders of the countries in the third and fourth worlds."

German plea on oil Page 6

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